

FIG 1

DOCKET 67250001

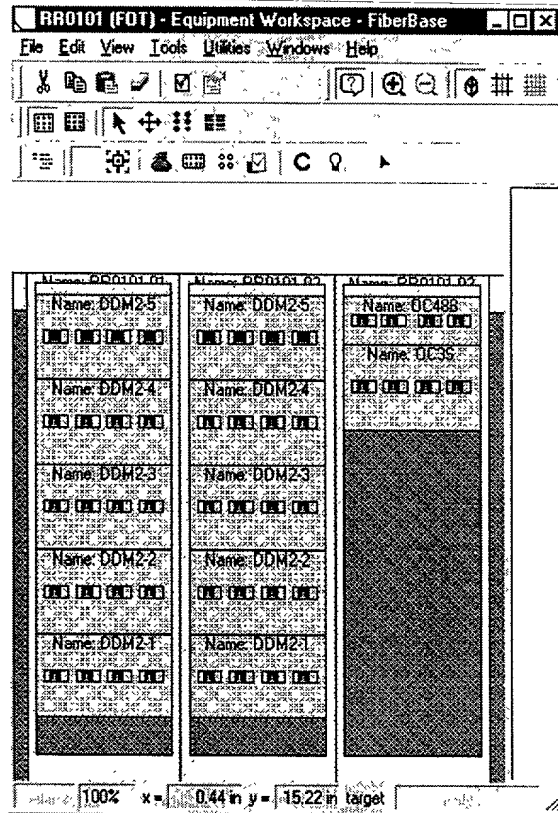


FIG. 2

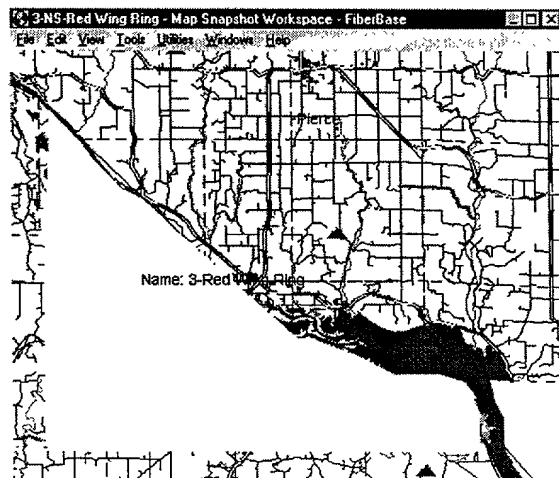


FIG. 3

10005315-120401

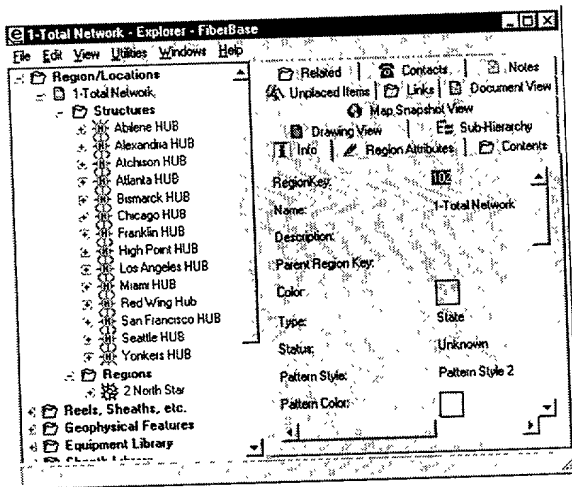


FIG 4

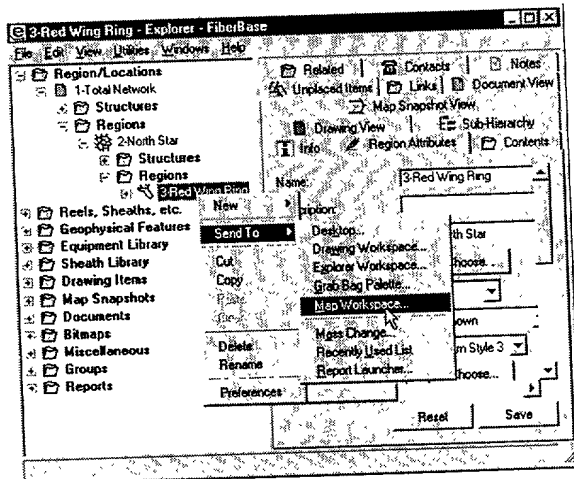


FIG 5

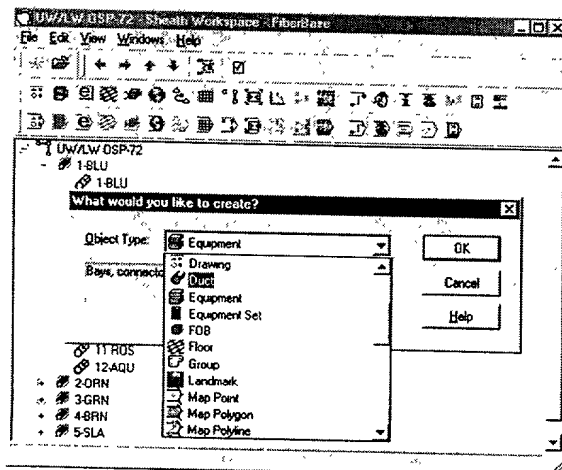


FIG 6

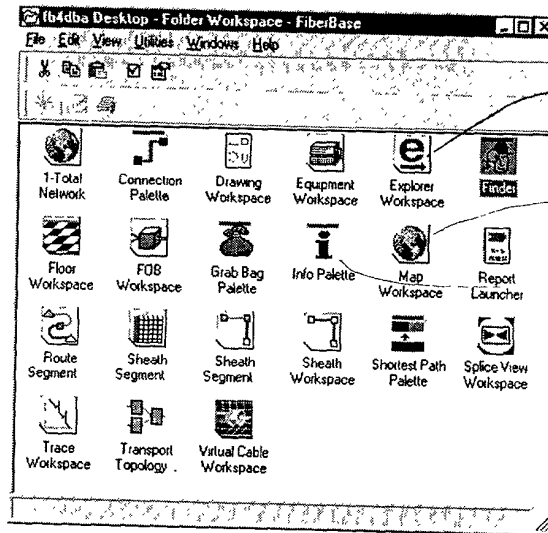


FIG 7

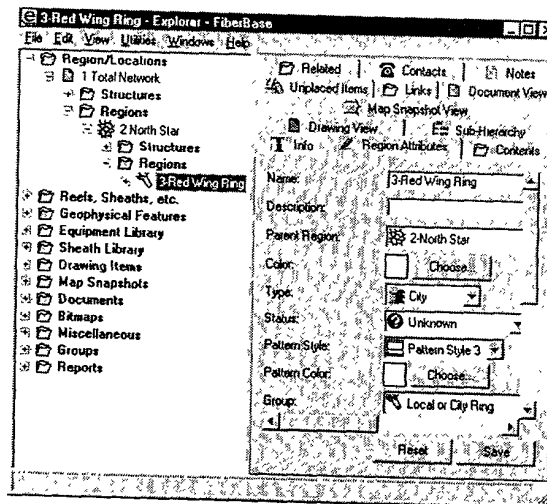


FIG 8

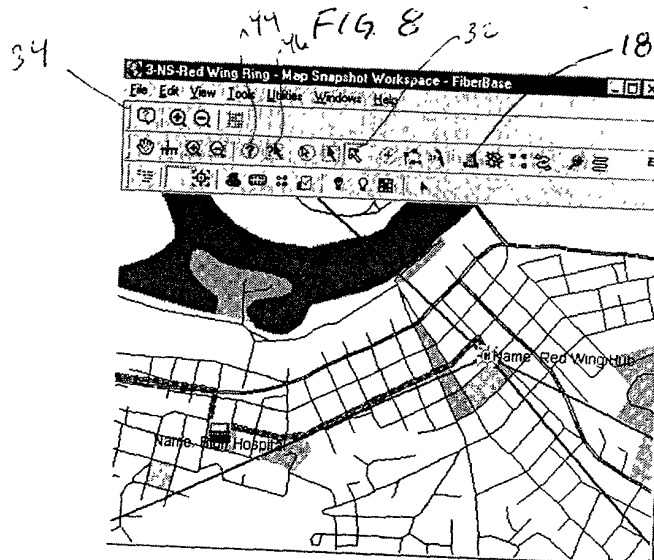


FIG 9

1005619-10401

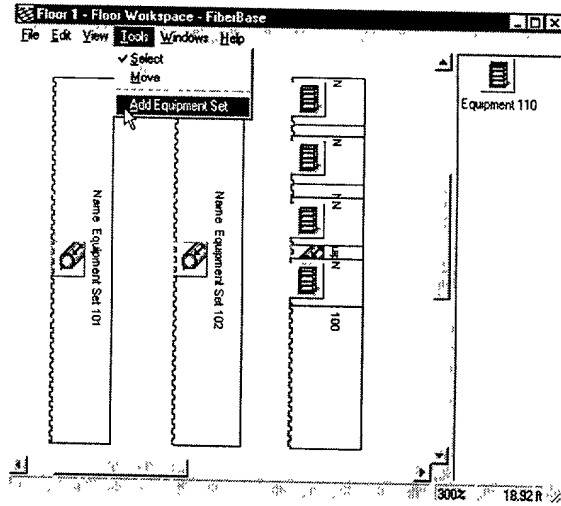


FIG. 10

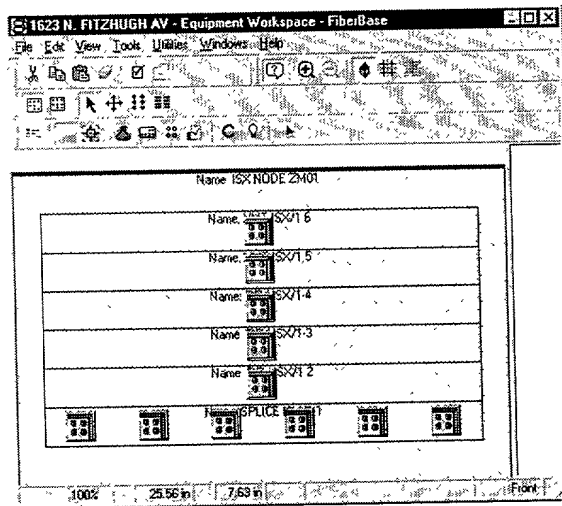


FIG. 11

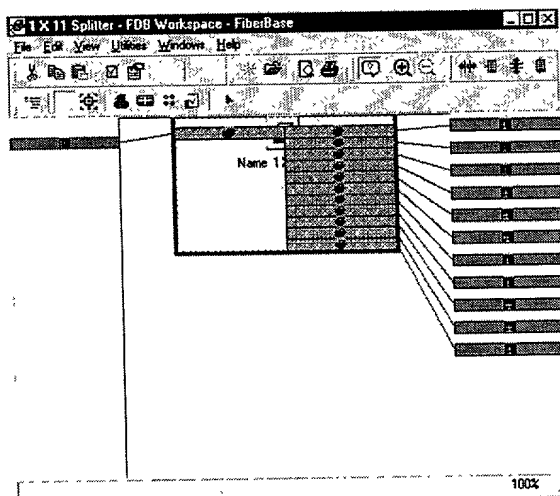


FIG. 12

100549-120401

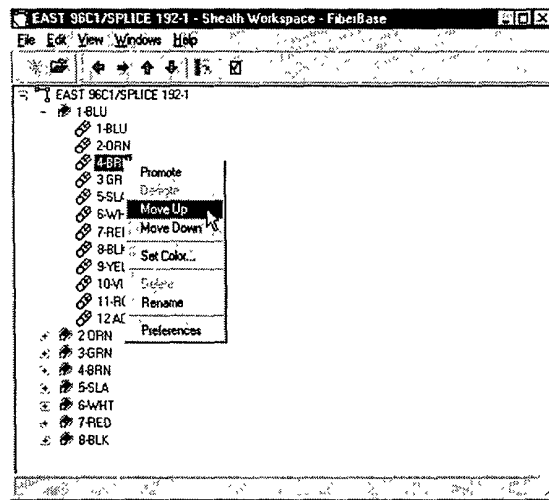


FIG. 13

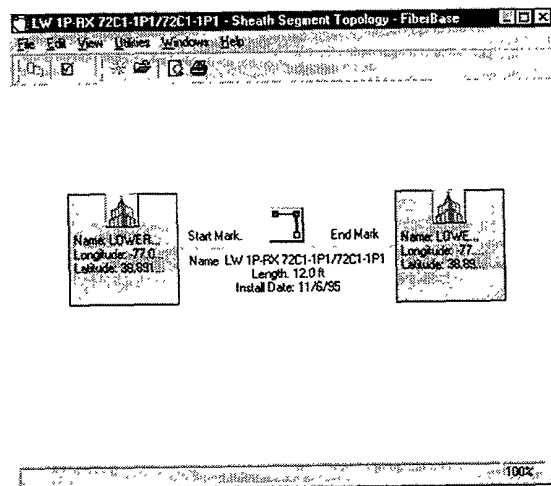


FIG. 14

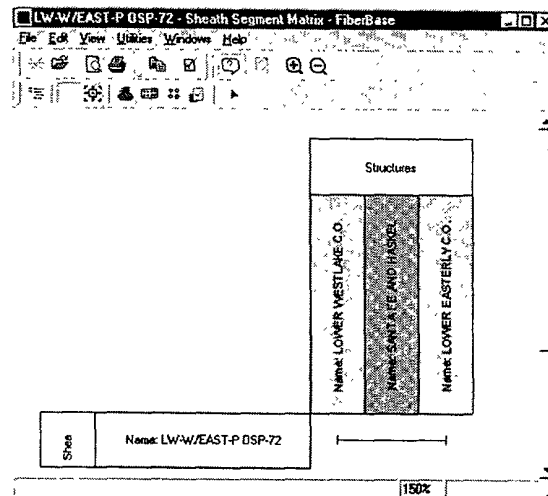


FIG. 15

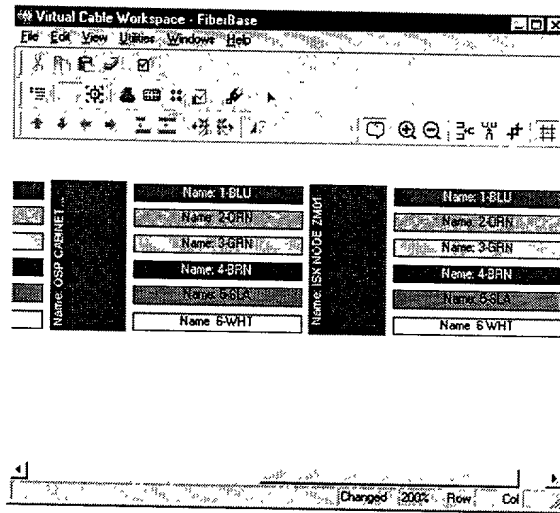


FIG. 16

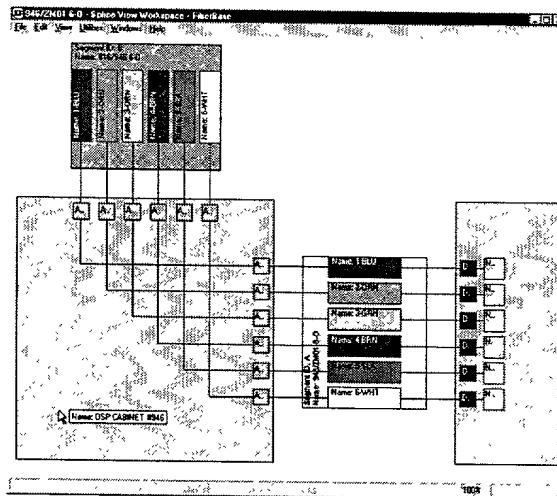


FIG. 17

FIG. 16

| 項目 | 単位 | 数値 |
|-----------|----|-------------|
| 総人口 | 人 | 1,234,567 |
| 男性人口 | 人 | 612,345 |
| 女性人口 | 人 | 622,222 |
| 総世帯数 | 世帯 | 234,567 |
| 男性世帯数 | 世帯 | 112,345 |
| 女性世帯数 | 世帯 | 122,222 |
| 総労働人口 | 人 | 567,890 |
| 男性労働人口 | 人 | 289,012 |
| 女性労働人口 | 人 | 278,878 |
| 総消費額 | 円 | 123,456,789 |
| 男性消費額 | 円 | 61,234,567 |
| 女性消費額 | 円 | 62,222,222 |
| 総貯蓄額 | 円 | 45,678,901 |
| 男性貯蓄額 | 円 | 22,345,678 |
| 女性貯蓄額 | 円 | 23,333,223 |
| 総所得額 | 円 | 98,765,432 |
| 男性所得額 | 円 | 49,876,543 |
| 女性所得額 | 円 | 48,888,889 |
| 総資産額 | 円 | 345,678,901 |
| 男性資産額 | 円 | 172,345,678 |
| 女性資産額 | 円 | 173,333,223 |
| 総負債額 | 円 | 123,456,789 |
| 男性負債額 | 円 | 61,234,567 |
| 女性負債額 | 円 | 62,222,222 |
| 総人口増減率 | % | 1.23 |
| 男性人口増減率 | % | 1.12 |
| 女性人口増減率 | % | 1.34 |
| 総世帯増減率 | % | 0.56 |
| 男性世帯増減率 | % | 0.45 |
| 女性世帯増減率 | % | 0.67 |
| 総労働人口増減率 | % | 2.34 |
| 男性労働人口増減率 | % | 2.12 |
| 女性労働人口増減率 | % | 2.56 |
| 総消費額増減率 | % | 3.45 |
| 男性消費額増減率 | % | 3.23 |
| 女性消費額増減率 | % | 3.67 |
| 総貯蓄額増減率 | % | 4.56 |
| 男性貯蓄額増減率 | % | 4.34 |
| 女性貯蓄額増減率 | % | 4.78 |
| 総所得額増減率 | % | 5.67 |
| 男性所得額増減率 | % | 5.45 |
| 女性所得額増減率 | % | 5.89 |
| 総資産額増減率 | % | 6.78 |
| 男性資産額増減率 | % | 6.56 |
| 女性資産額増減率 | % | 7.01 |
| 総負債額増減率 | % | 7.89 |
| 男性負債額増減率 | % | 7.67 |
| 女性負債額増減率 | % | 8.12 |

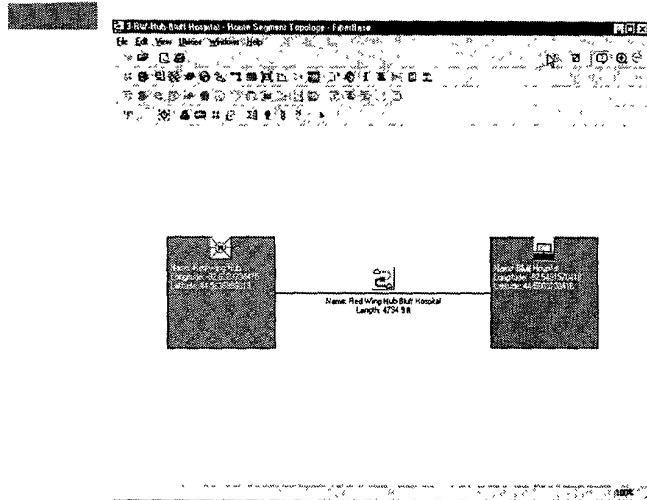


FIG 18

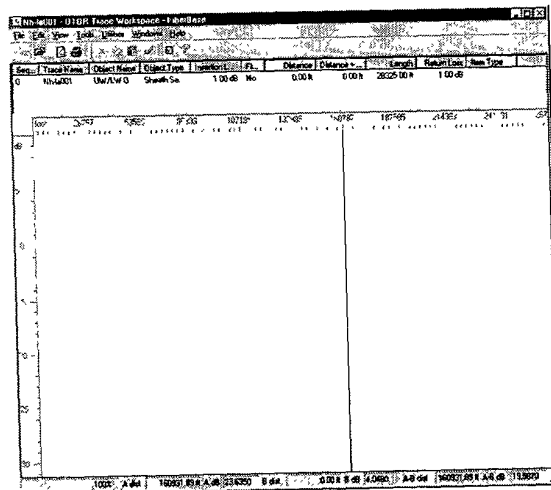


FIG 19

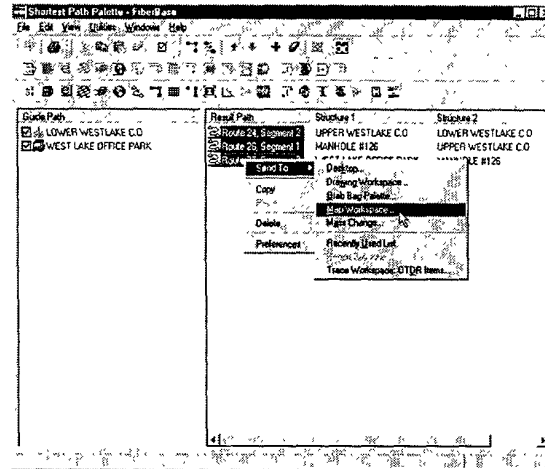


FIG. 20

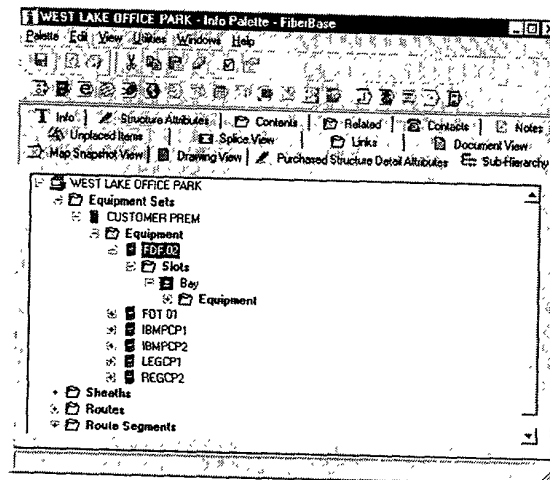


FIG. 21

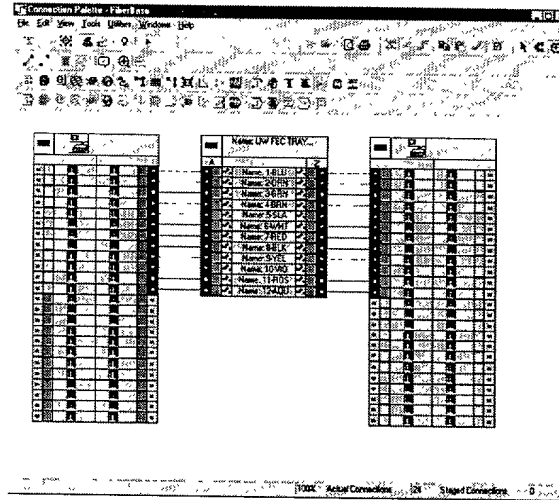


FIG. 22

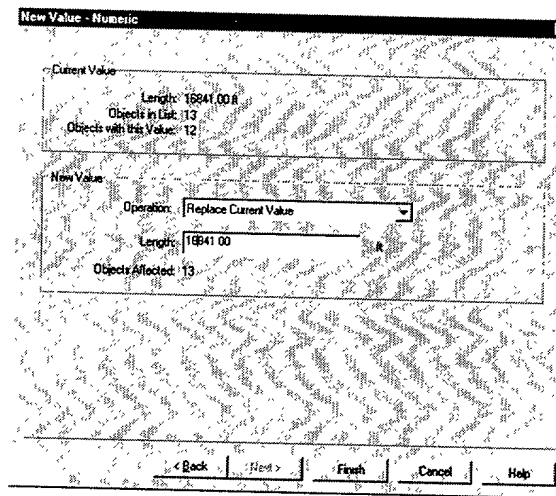


FIG. 23

FIG. 22

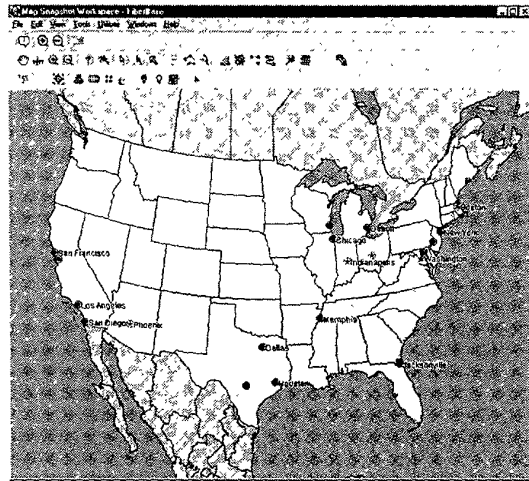


FIG 24

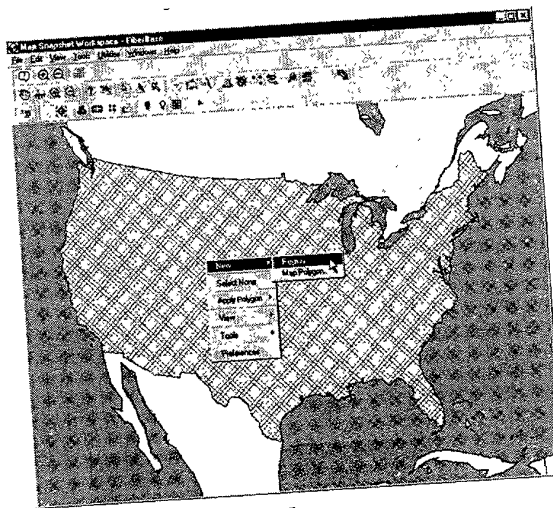


FIG 25

New Region Basic Attributes

Name:

Description:

Color:

Type:

Parent Region:

Group: ☒ Miscellaneous

ACL:

FIG. 26

1005219-120401

New Group Basic Attributes

Name:

Description:

Color:

Object Type:

Large Bitmap:

Small Bitmap:

< Back Next > Finish Cancel Help

FIG. 27

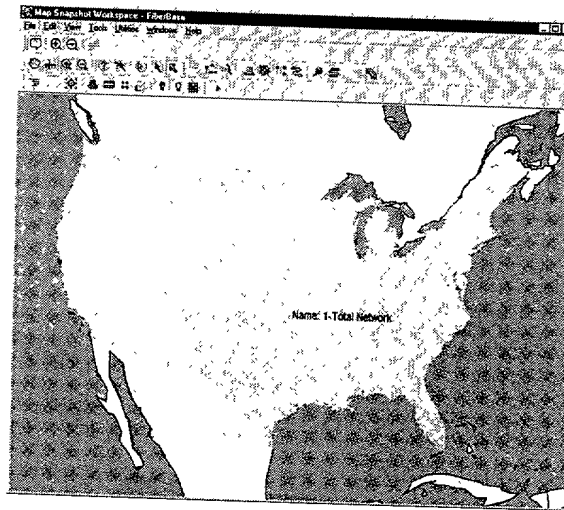


FIG. 28

New Structure Basic Attributes

Name:

Description:

Color:

Type:

Report:

Group:

ACL:

< Back Next > Finish Cancel Help

FIG. 29

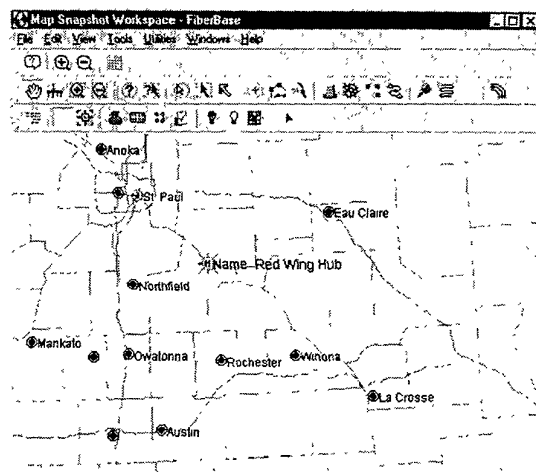


FIG 30

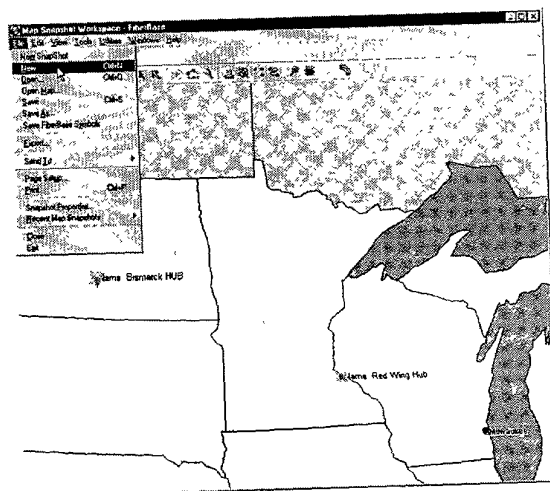


FIG 31

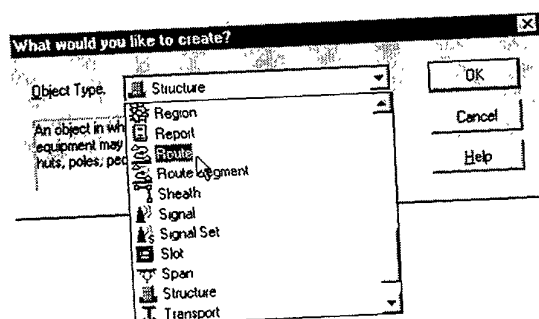


FIG. 32

New Route Basic Attributes

Name: Red Wing-Bismark-Long Haul

Description: Top-level network long-haul trunk (OC-192)

Color: Choose...

Type: Customer Service

Related Structure #1: Red Wing Hub

Related Structure #2: Bismark HUB

Group: Long-Haul Trunk

ACL: (none)

Back Next Finish Cancel Help

FIG 33

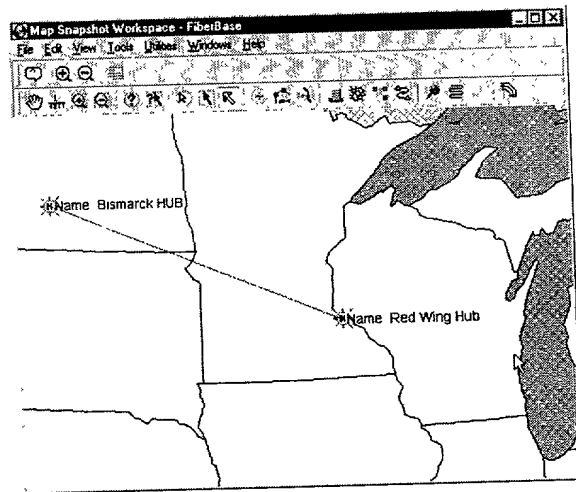


FIG 34

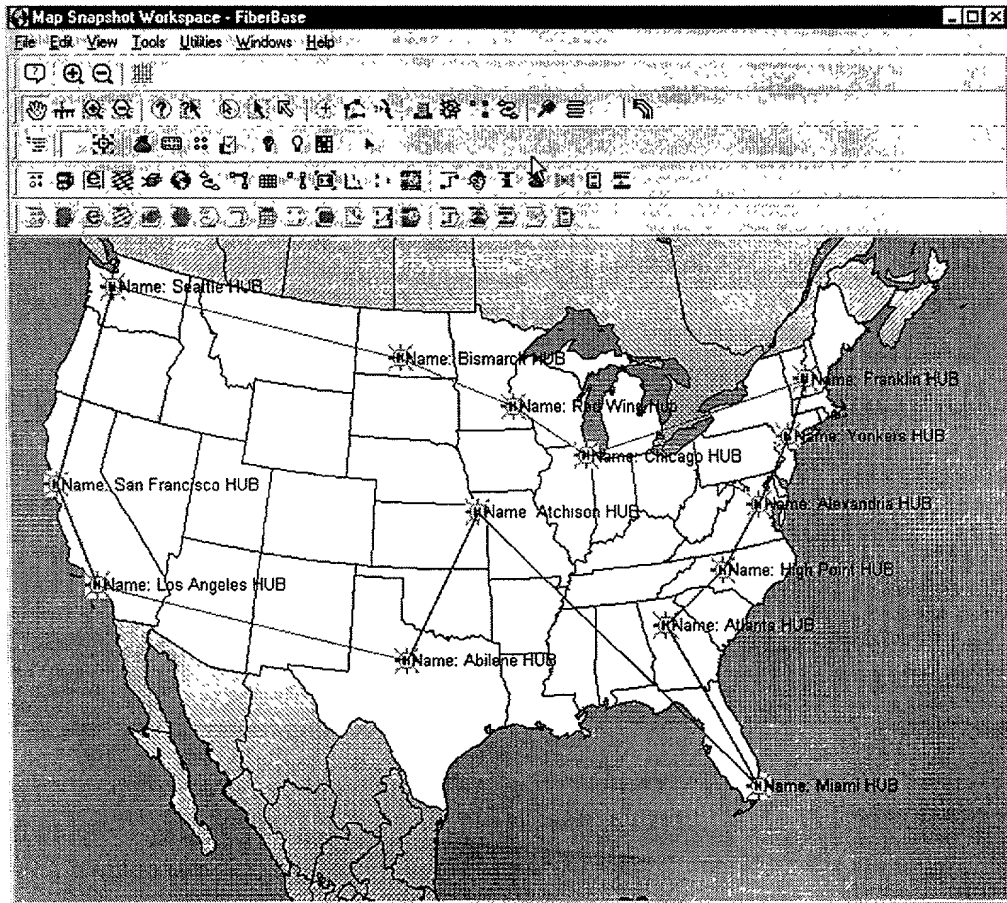


FIG. 35

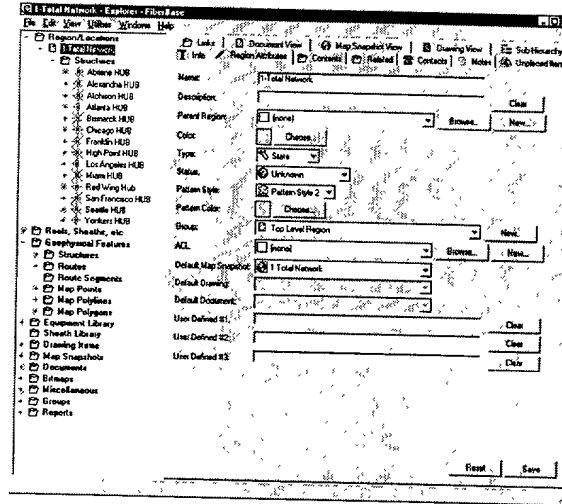


FIG 36

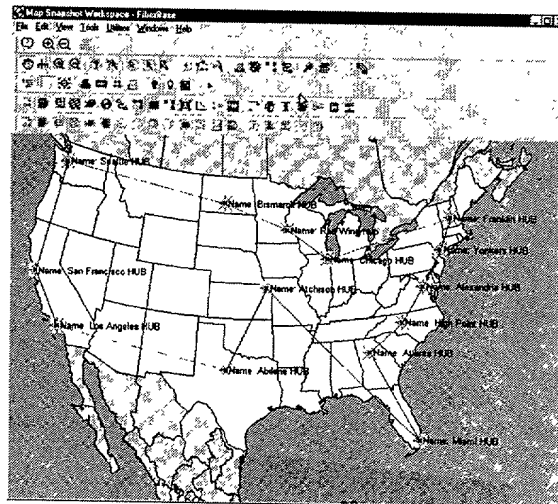


FIG 37

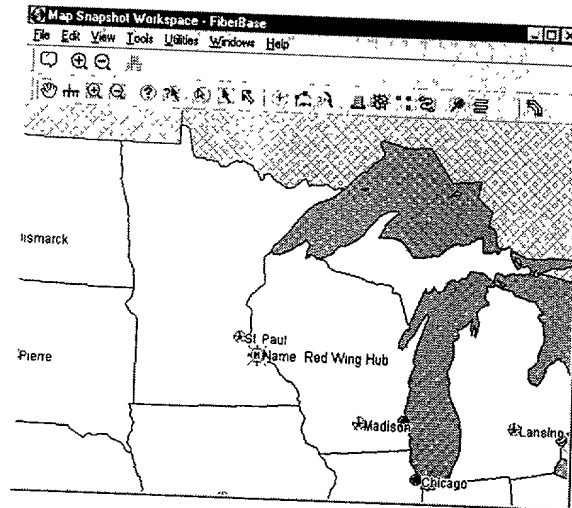


FIG 38

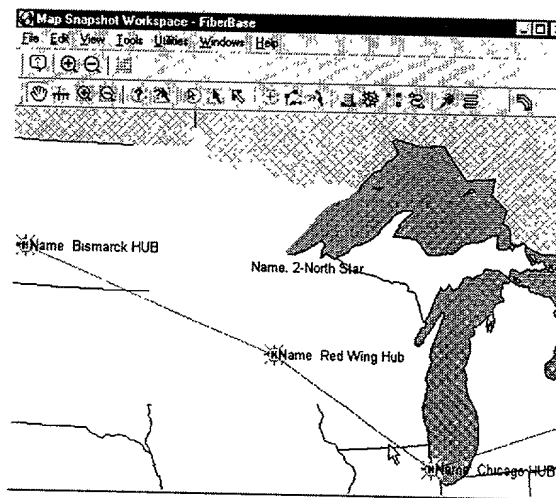


FIG 39

FIG 38

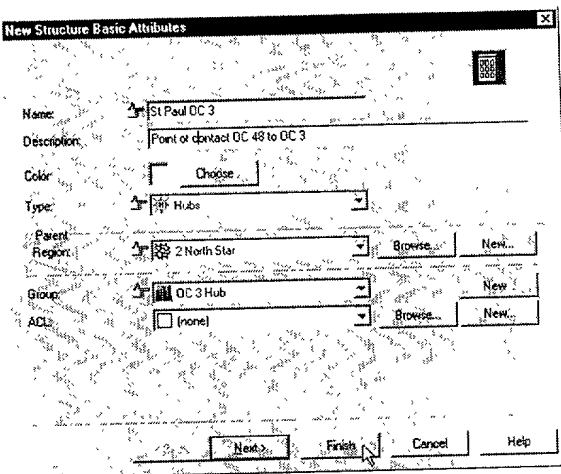


FIG 40

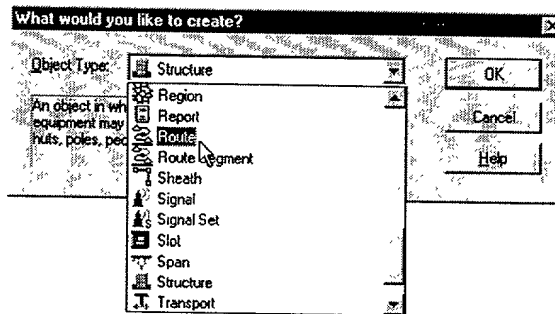


FIG. 41

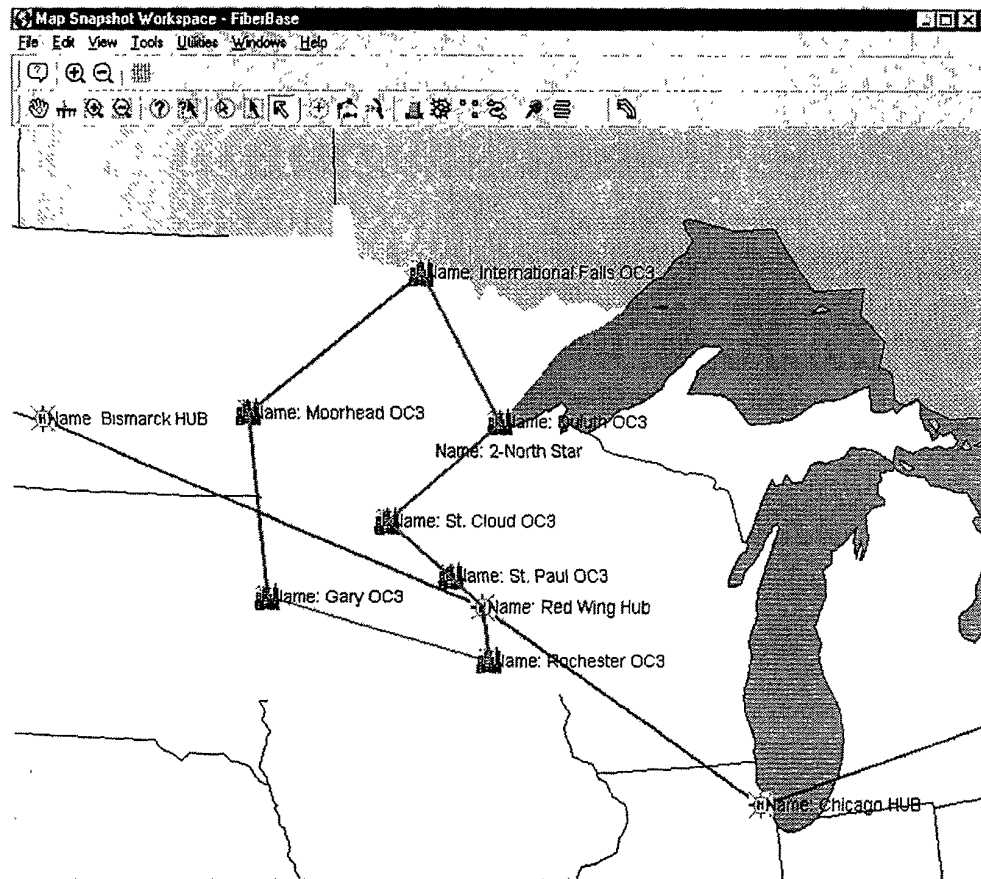
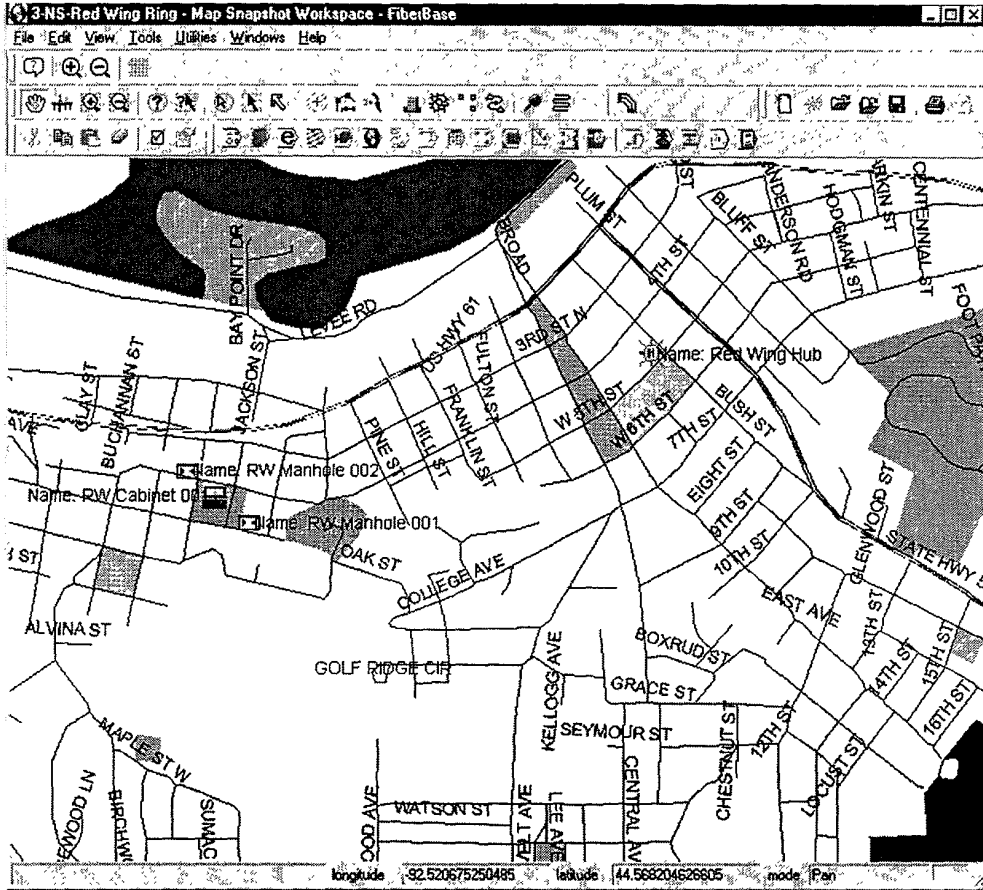


FIG. 42

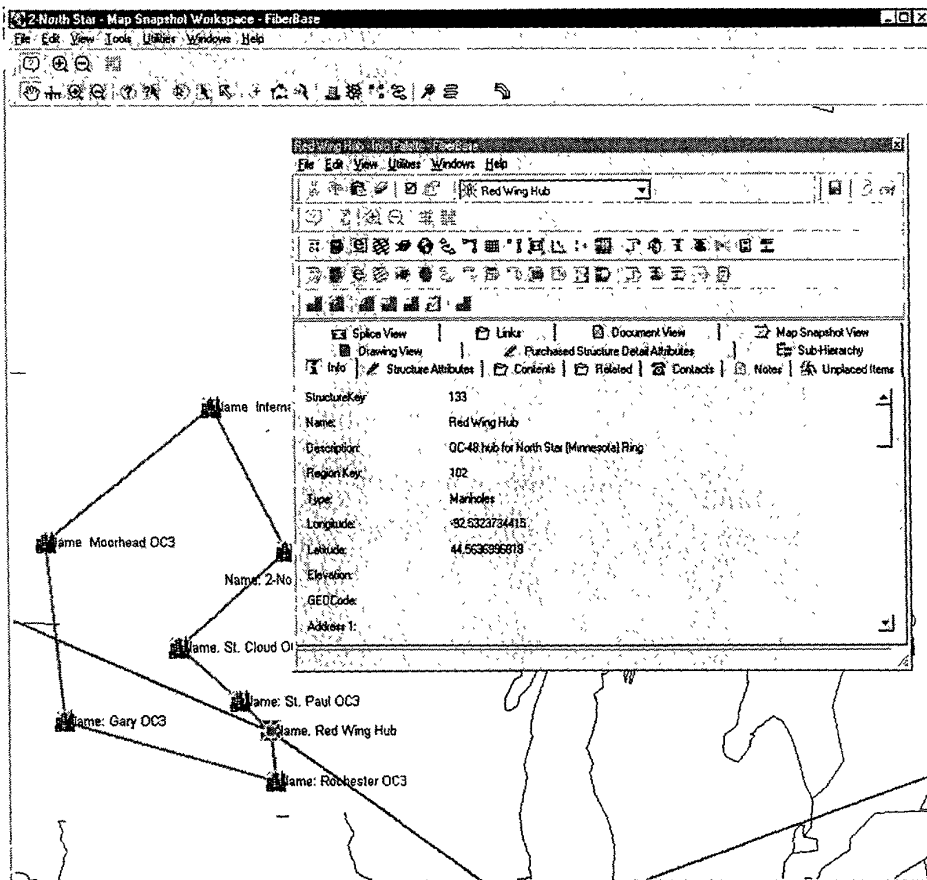
FIG. 42



City-Level Region Structures

FIG. 43

FIG. 43



Using the Info Palette to Obtain Information
for a Selected FiberBase Item

F16 44

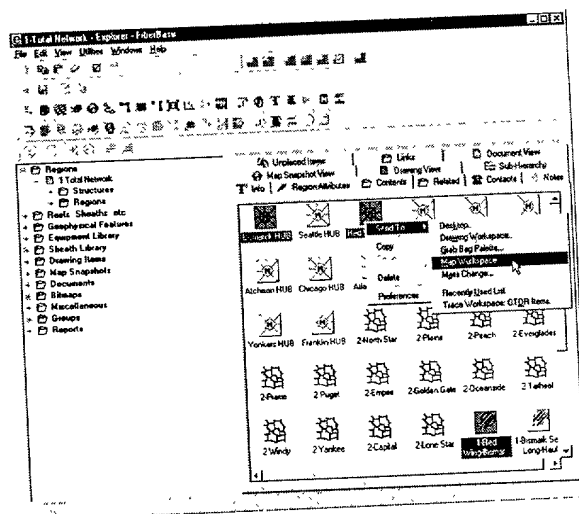
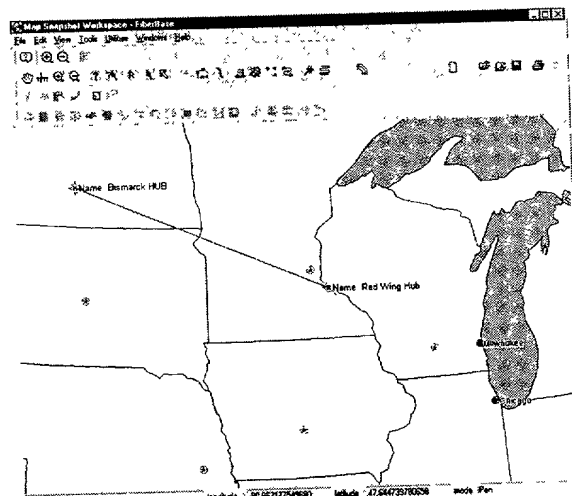


FIG. 45



Long-Haul Route In Map Workspace

FIG. 46

FIG. 45

New Route Segment Basic Attributes

Name:

Description:

Color:

Type:

Related Structure #1:

Structure #2:

Group:

ACL: ☐ (none)

FIG. 47



FIG. 48

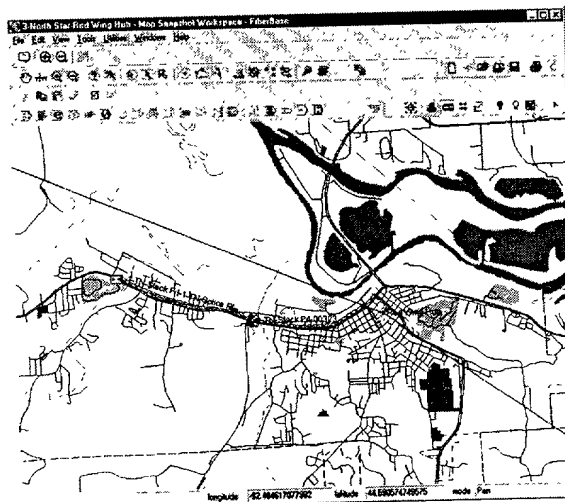


FIG. 49

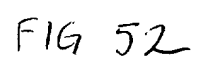
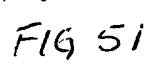
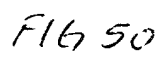




Fig 54



FIG. 55

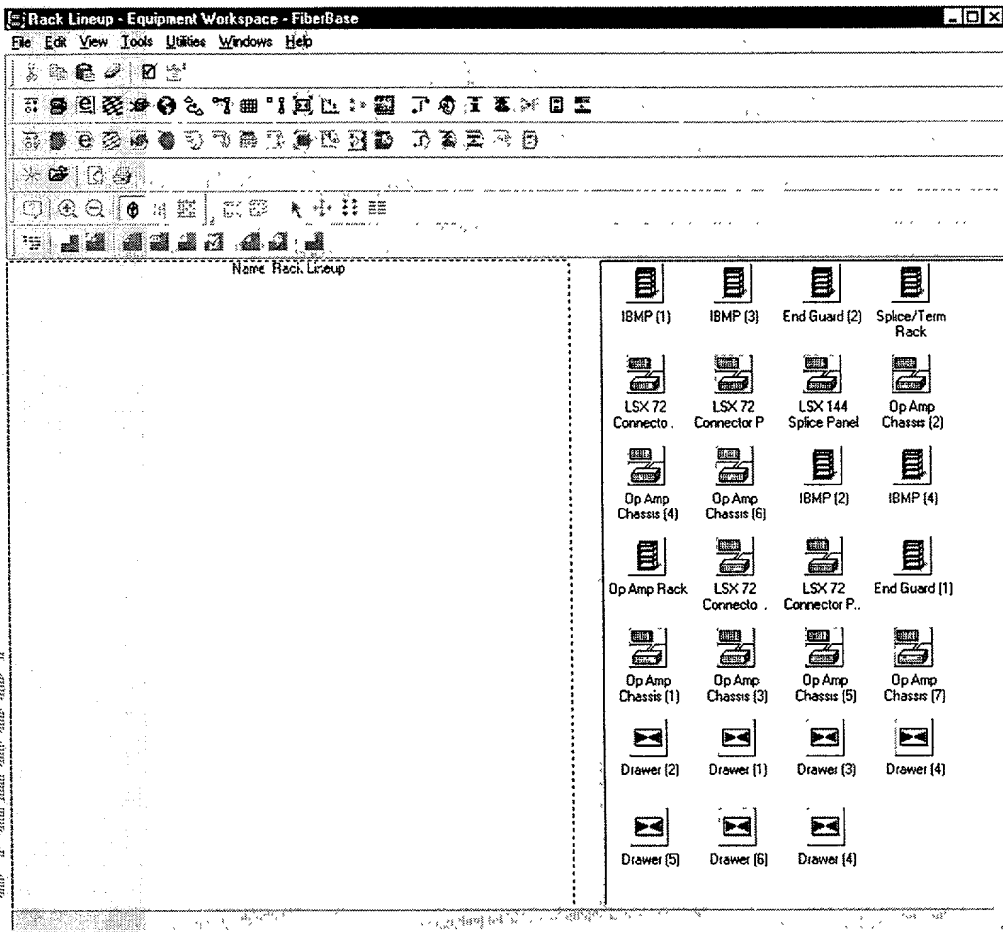


FIG. 56

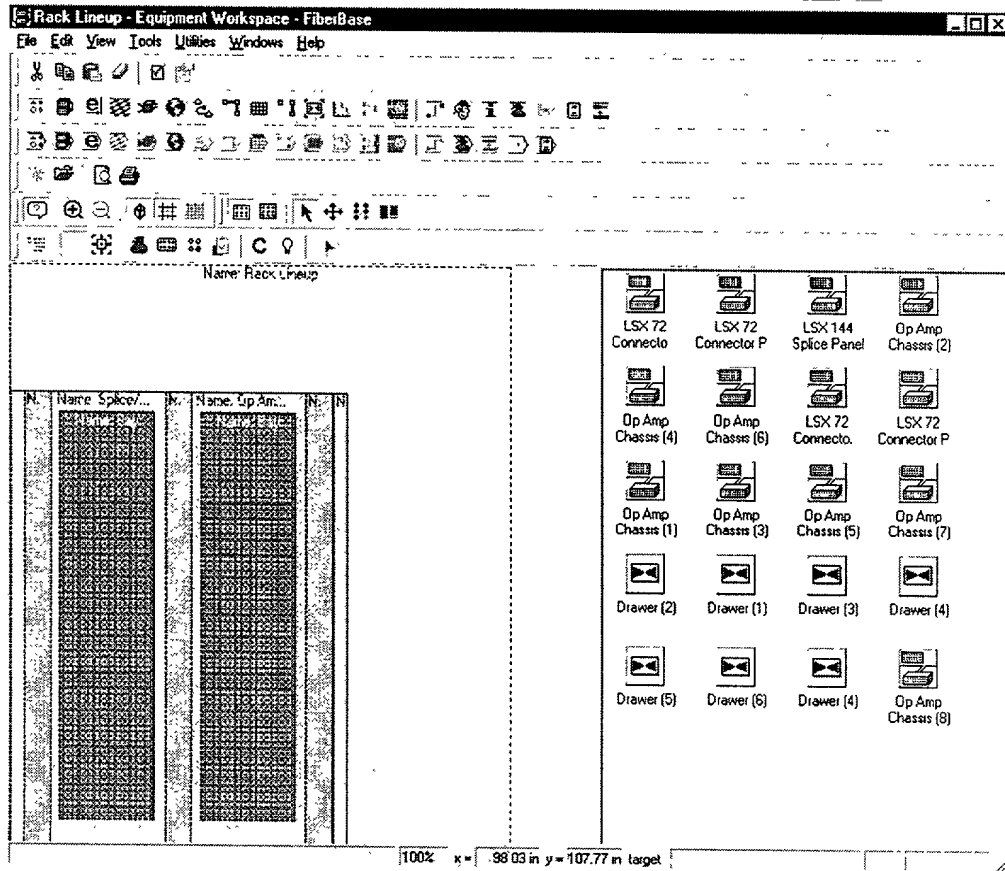
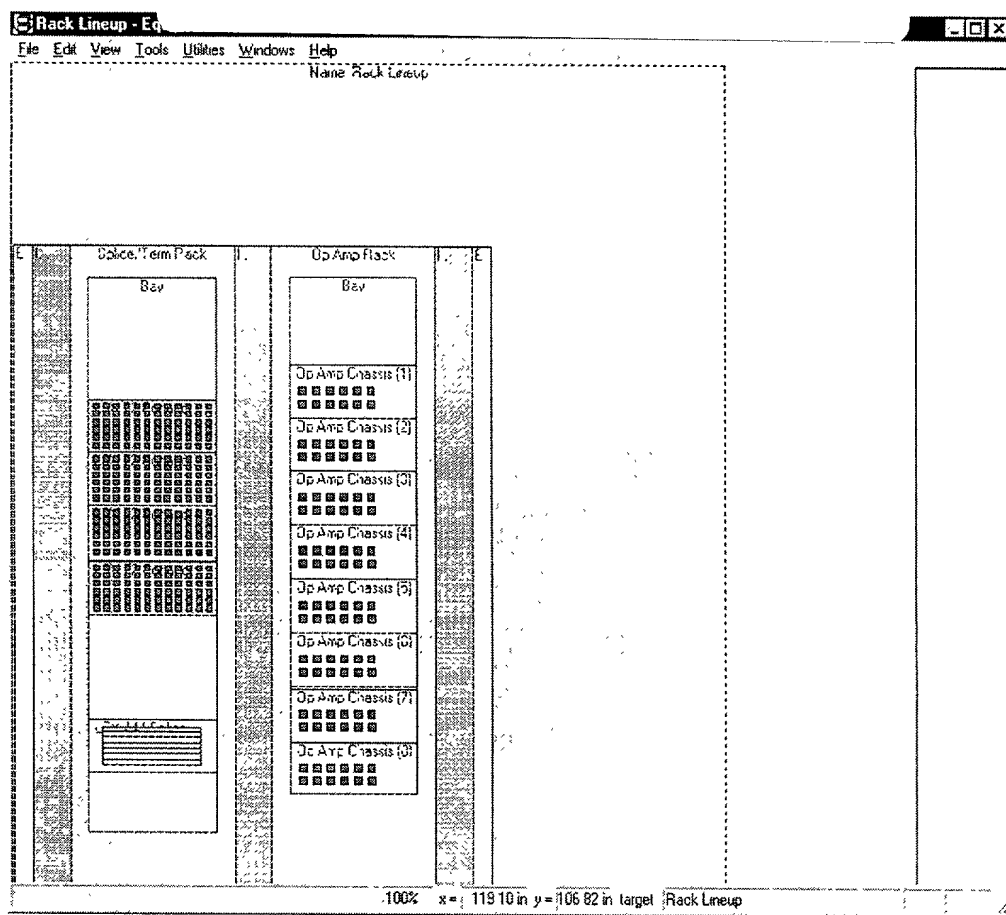


FIG. 57

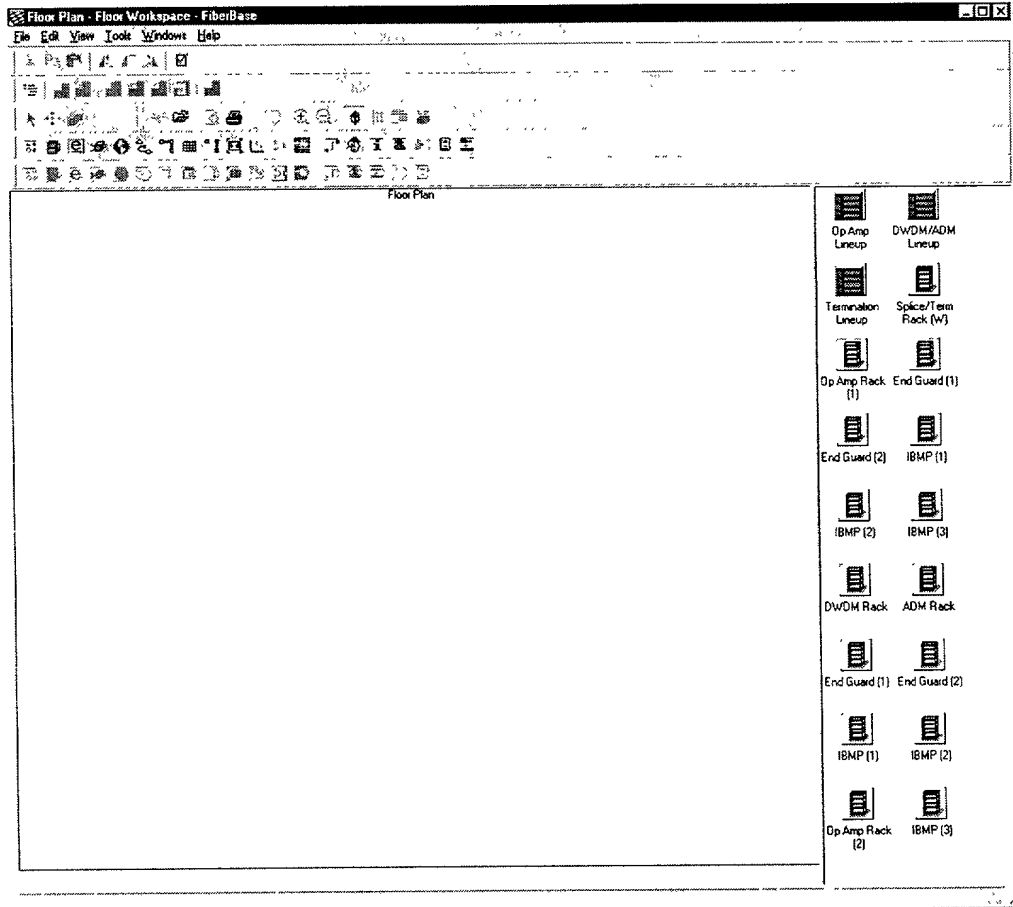
10026725001



Completed Lineup in Equipment Workspace

FIG. 58

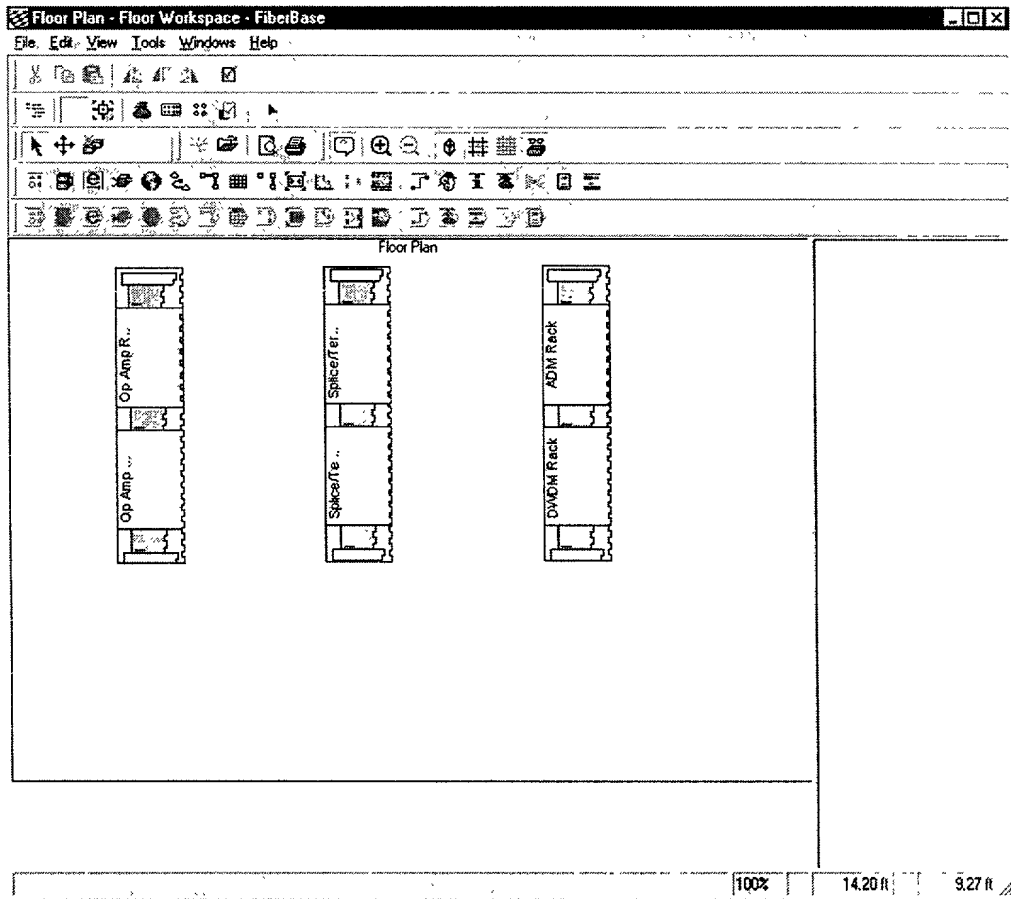
FIG. 58



Floor Plan With Unplaced Items

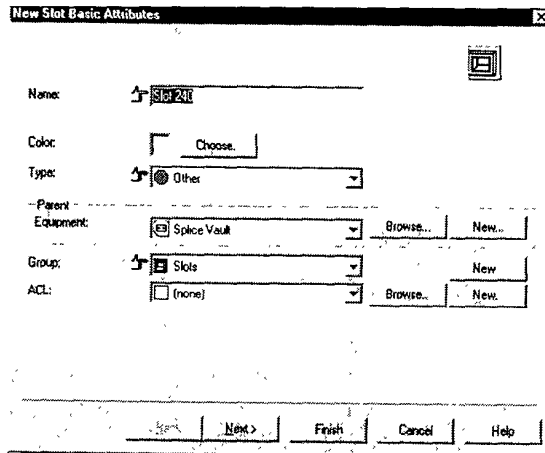
FIG. 59

FIG. 59



Floor Plan With Placed Items

FIG 60



New Slot Basic Attributes

Name:

Color:

Type: ☒ Other

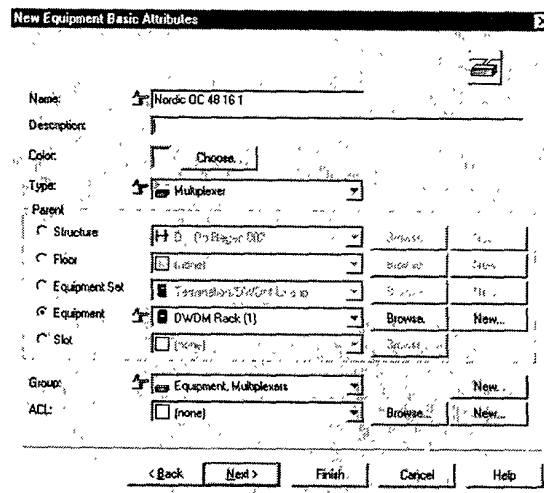
Parent:

Equipment:

Group: ☒ Slots

ACL: ☐ (none)

FIG. 61



New Equipment Basic Attributes

Name:

Description:

Color:

Type: ☒ Multiplexer

Parent:

Structure: ☒ D. (to Blazer 510)

Floor: ☐ 4.0000

Equipment Set: ☐ Transmission Equipment 1.0000

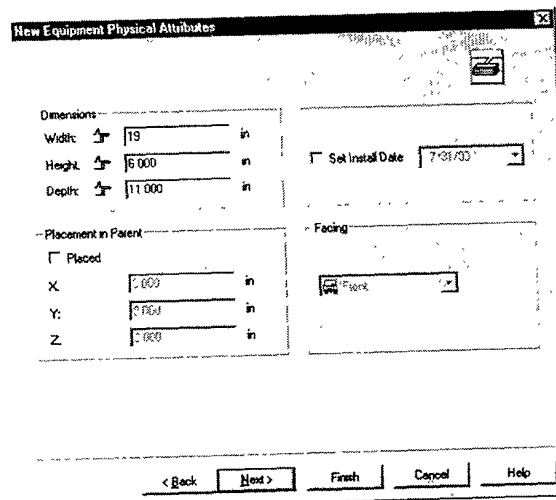
Equipment: ☒ DWDM Rack (1)

Slot: ☐ (none)

Group: ☒ Equipment, Multiplexers

ACL: ☐ (none)

FIG. 62



New Equipment Physical Attributes

Dimensions:

Width: in

Height: in

Depth: in

Placement in Parent:

☐ Placed

X: in

Y: in

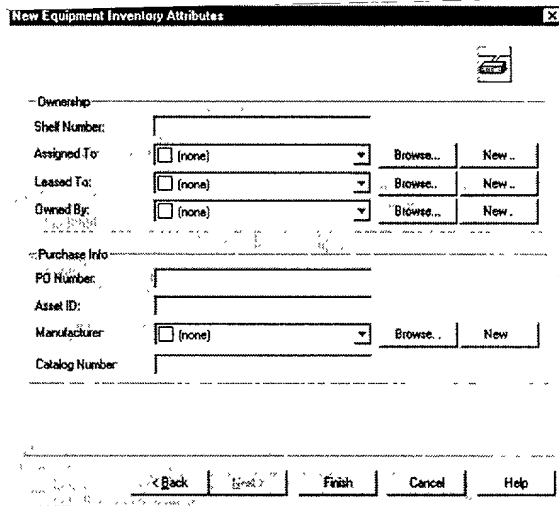
Z: in

Facing:

☐ Set Install Date:

FIG. 63

FIG. 61



The dialog box is titled "New Equipment Inventory Attributes". It contains two main sections: "Ownership" and "Purchase Info".

Ownership Section:

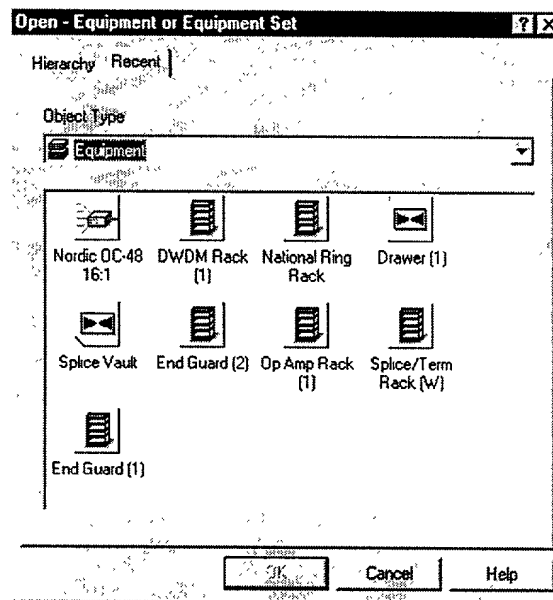
- Shelf Number: [Text Field]
- Assigned To: [Dropdown Menu] (none) [Browse...] [New...]
- Leased To: [Dropdown Menu] (none) [Browse...] [New...]
- Owned By: [Dropdown Menu] (none) [Browse...] [New...]

Purchase Info Section:

- PO Number: [Text Field]
- Asset ID: [Text Field]
- Manufacturer: [Dropdown Menu] (none) [Browse...] [New...]
- Catalog Number: [Text Field]

At the bottom, there are five buttons: "< Back", "Next >", "Finish", "Cancel", and "Help".

FIG. 64



The dialog box is titled "Open - Equipment or Equipment Set". It has two tabs: "Hierarchy" and "Recent". The "Hierarchy" tab is selected.

Object Type: [Dropdown Menu] (Equipment)

The main area displays a grid of equipment icons and their names:

- Nordic OC-48 16:1
- DWDM Rack (1)
- National Ring Rack
- Drawer (1)
- Splice Vault
- End Guard (2)
- Op Amp Rack (1)
- Splice/Term Rack (W)
- End Guard (1)

At the bottom, there are three buttons: "OK", "Cancel", and "Help".

FIG. 65

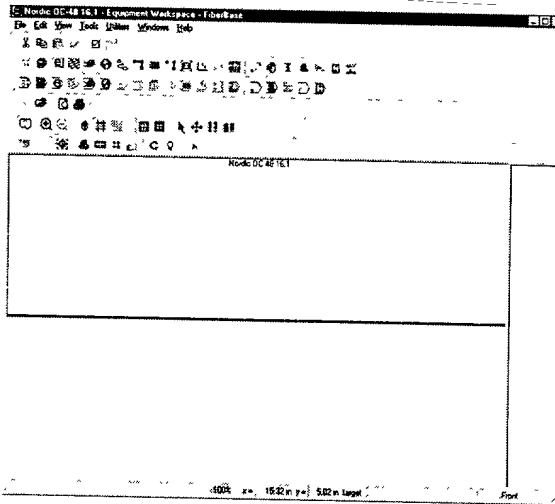


FIG. 66

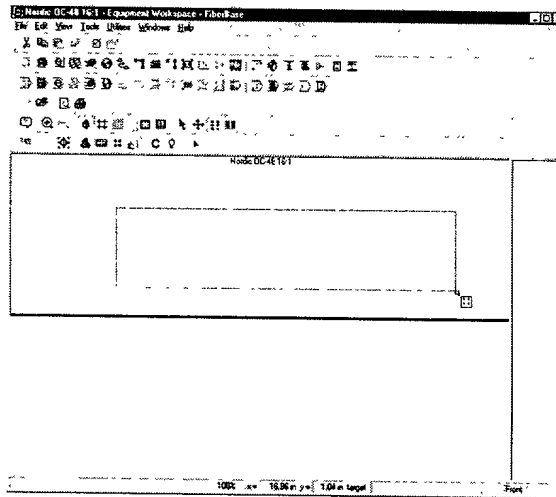


FIG. 67

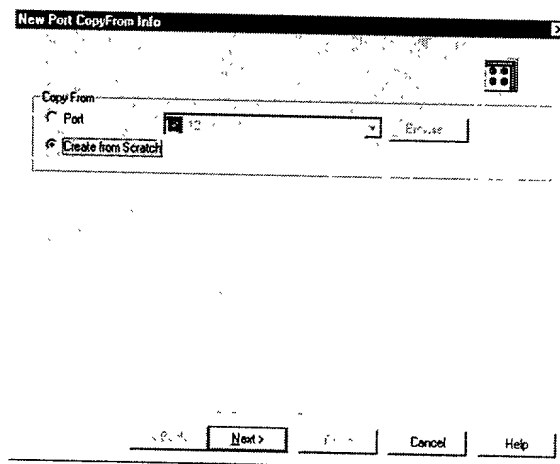
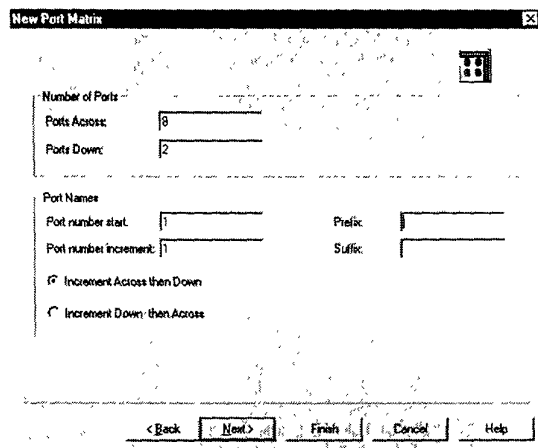


FIG. 68



New Port Matrix

Number of Ports

Ports Across:

Ports Down:

Port Names

Port number start: Prefix:

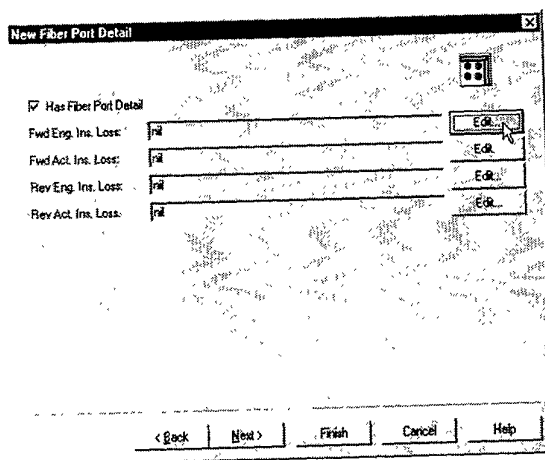
Port number increment: Suffix:

☒ Increment Across then Down

☐ Increment Down then Across

< Back Next > Finish Cancel Help

FIG 69



New Fiber Port Detail

☒ Has Fiber Port Detail

Fwd Eng. Ins. Loss: Edit

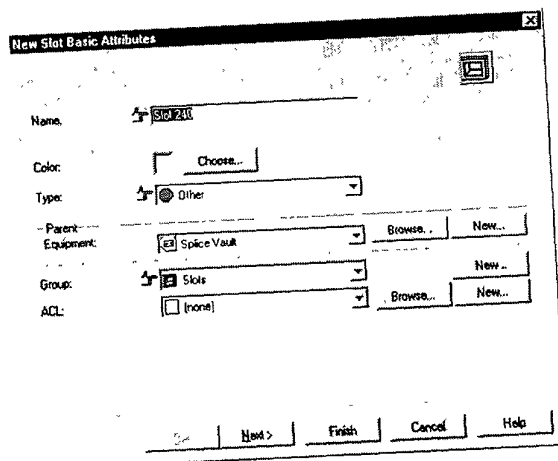
Fwd Act. Ins. Loss: Edit

Rev Eng. Ins. Loss: Edit

Rev Act. Ins. Loss: Edit

< Back Next > Finish Cancel Help

FIG 70



New Slot Basic Attributes

Name:

Color:

Type: ☒ Other

Parent Equipment: Browse... New...

Group: Browse... New...

ACL: Browse... New...

< Next > Finish Cancel Help

FIG 71

1005219-130401

New Equipment Physical Attributes

Dimensions

Width: 19 in

Height: 6.000 in

Depth: 11.000 in

Set Install Date: 7/21/01

Placement in Parent

Placed

X: 0.000 in

Y: 0.000 in

Z: 0.000 in

Facing: Front

< Back Next > Finish Cancel Help

FIG 72

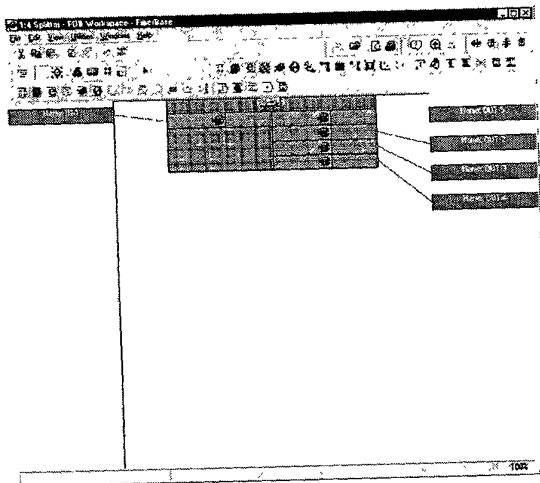


FIG 73

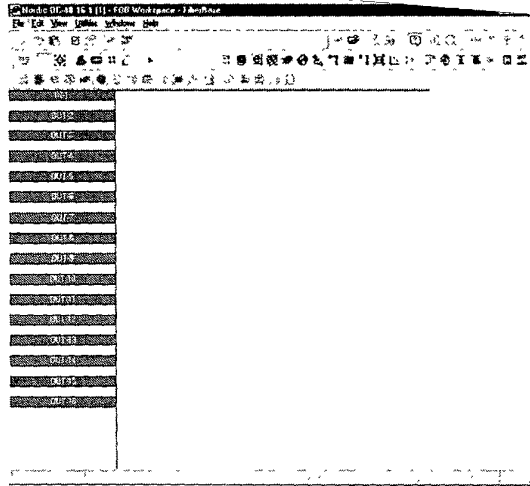


FIG 74

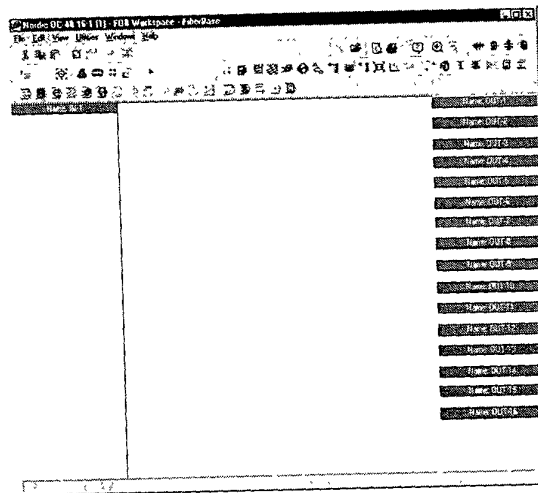


FIG 75

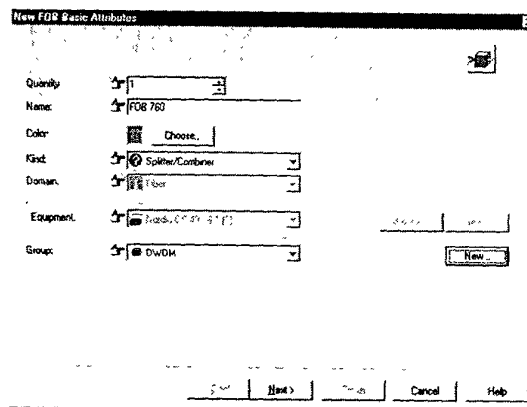
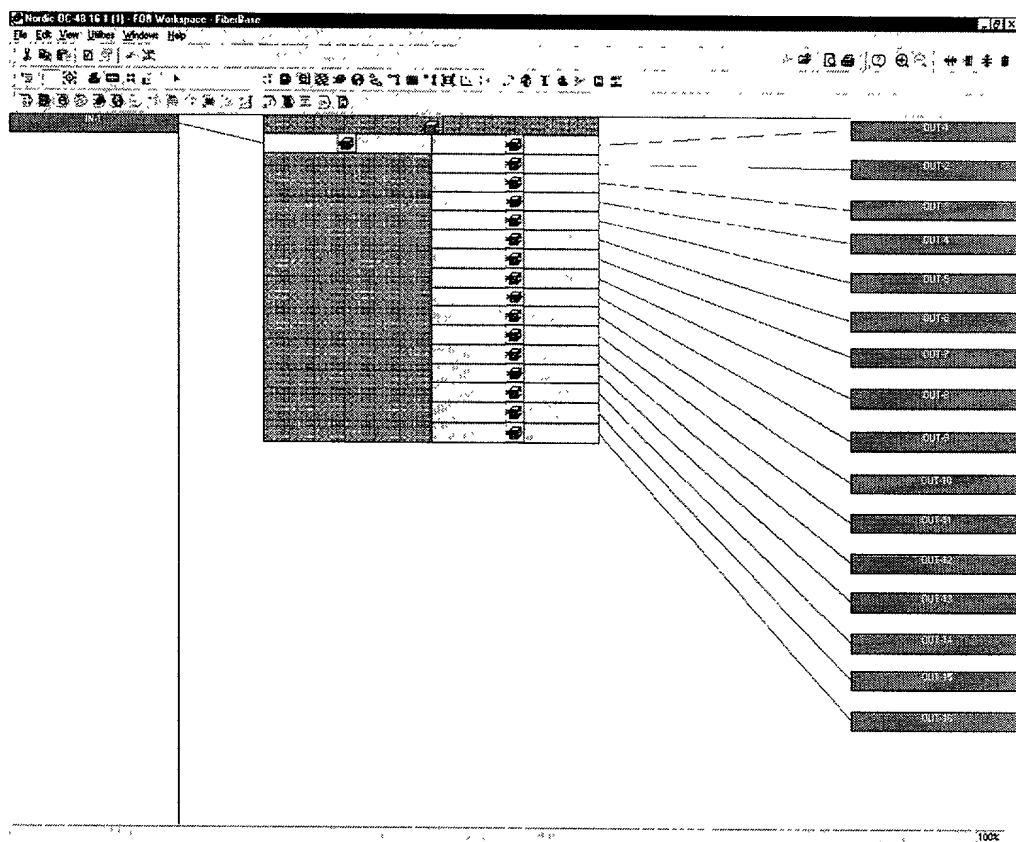


FIG 76

1005219-120401



Completed FOB Example

FIG. 77

FOOT-6125000T

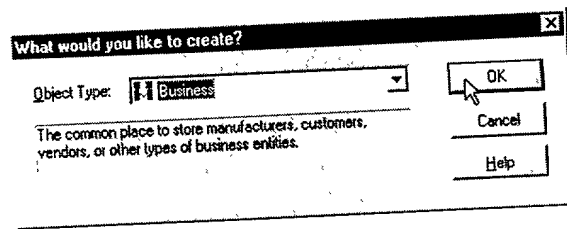


FIG 78

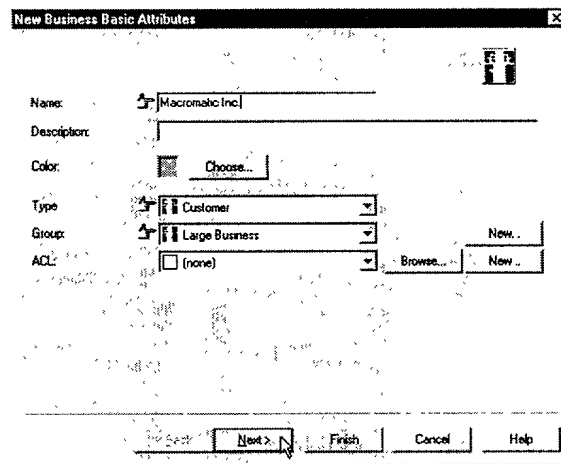


FIG 79

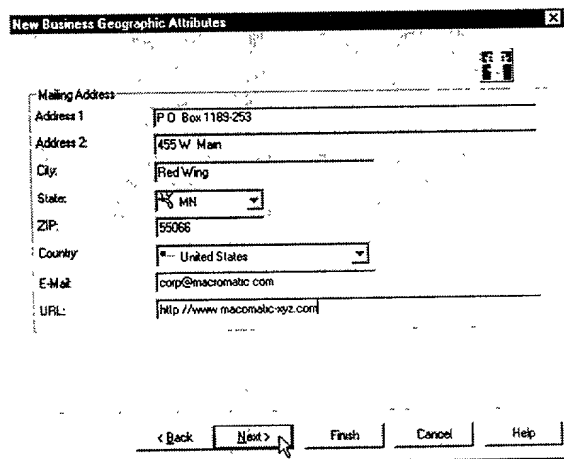


FIG. 80

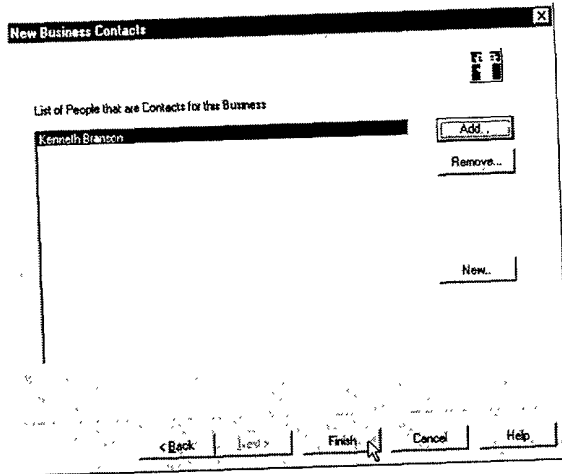


FIG 81

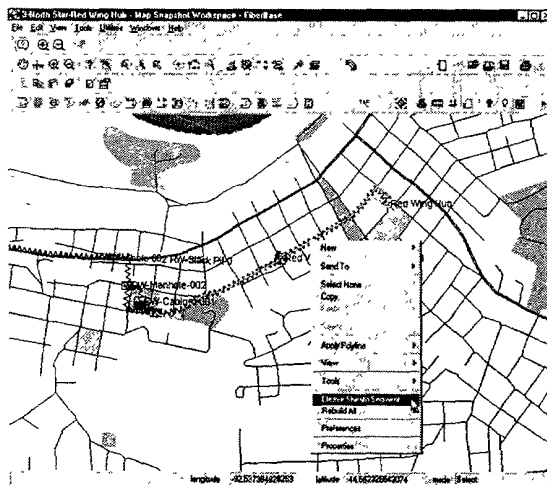


FIG 82

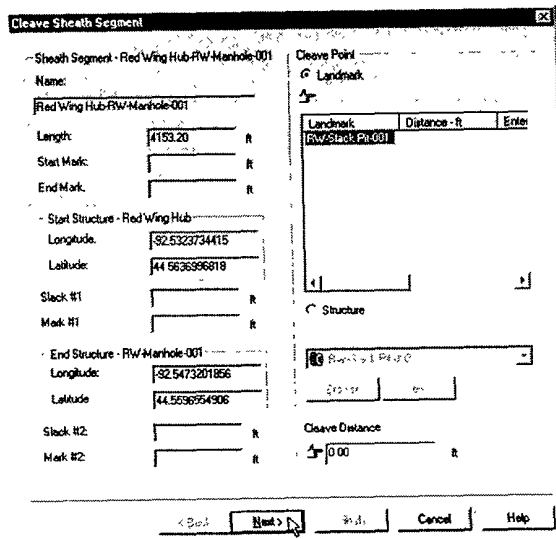


FIG 83

Two Sheath Segments

| First Sheath Segment | Second Sheath Segment |
|---|---|
| Name: Red Wing Hub-RW-Manhole 001 | Name: Red Wing Hub-RW-Manhole 001 (2) |
| Length: 2000 ft | Length: 2153.20 ft |
| Start Mark: 0 ft | Start Mark: 2000 ft |
| End Mark: 2000 ft | End Mark: 4153 ft |
| Start Structure - Red Wing Hub Longitude: 82.5323734415 Latitude: 44.5636999918 | Start Structure - RW-Stack PA-001 Longitude: 82.532339696 Latitude: 44.5616436528 |
| Stack #1: 150 ft | Stack #1: ft |
| Mark #1: ft | Mark #1: ft |
| End Structure - RW-Stack PA-001 Longitude: 82.532339696 Latitude: 44.5616436528 | End Structure - RW-Manhole 001 Longitude: 82.5473201856 Latitude: 44.5596554906 |
| Stack #2: 150 ft | Stack #2: 150 ft |
| Mark #2: ft | Mark #2: ft |

< Back Next > Finish Cancel Help

FIG 84

Choose Conductors to Cleave

| Sheath Segment | Conductors |
|-------------------------|-------------|
| Red Wing Hub-RW-Manhole | 2-GRN 3-GRN |
| Buffer 1 | 4-BRN 5-SLA |
| Buffer 2 | |
| Buffer 3 | |
| 1-BLU | |
| 2-GRN | |
| 3-GRN | |
| 4-BRN | |
| 5-SLA | |
| 6-WHT | |
| 7-RED | |
| 8-BLK | |
| 9-YEL | |
| 10-VIO | |
| 11-RDS | |
| 12-AQU | |
| Buffer 4 | |

< Back << >> Finish Cancel Help

FIG 85

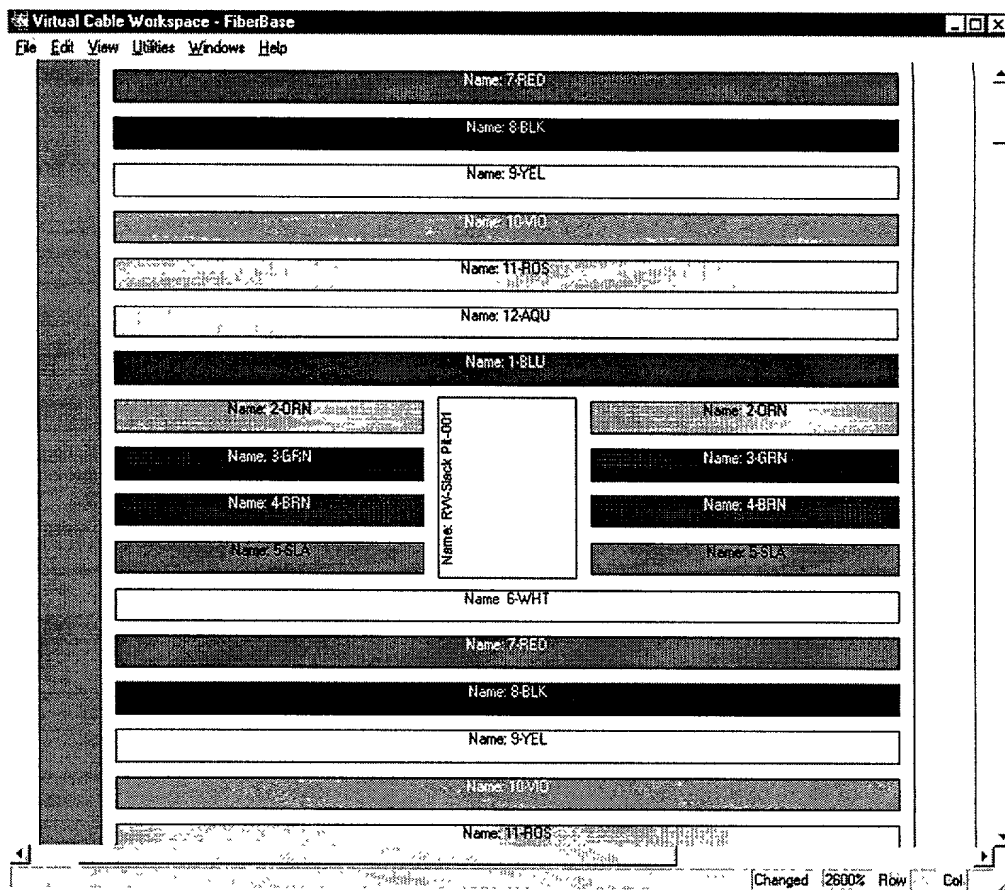


FIG. 86

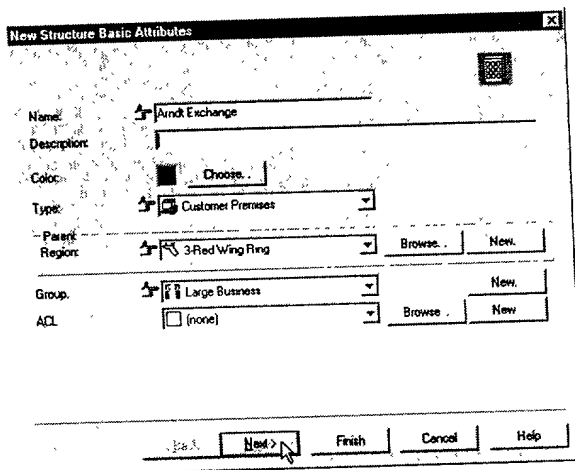
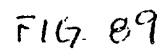
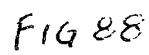


FIG. 87



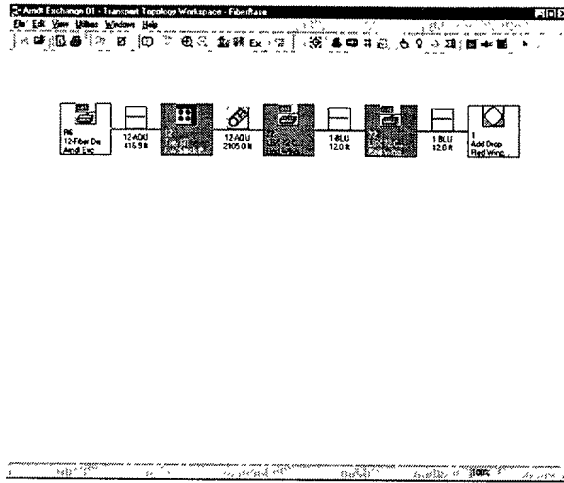


FIG 90

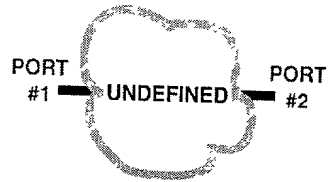


FIG 91

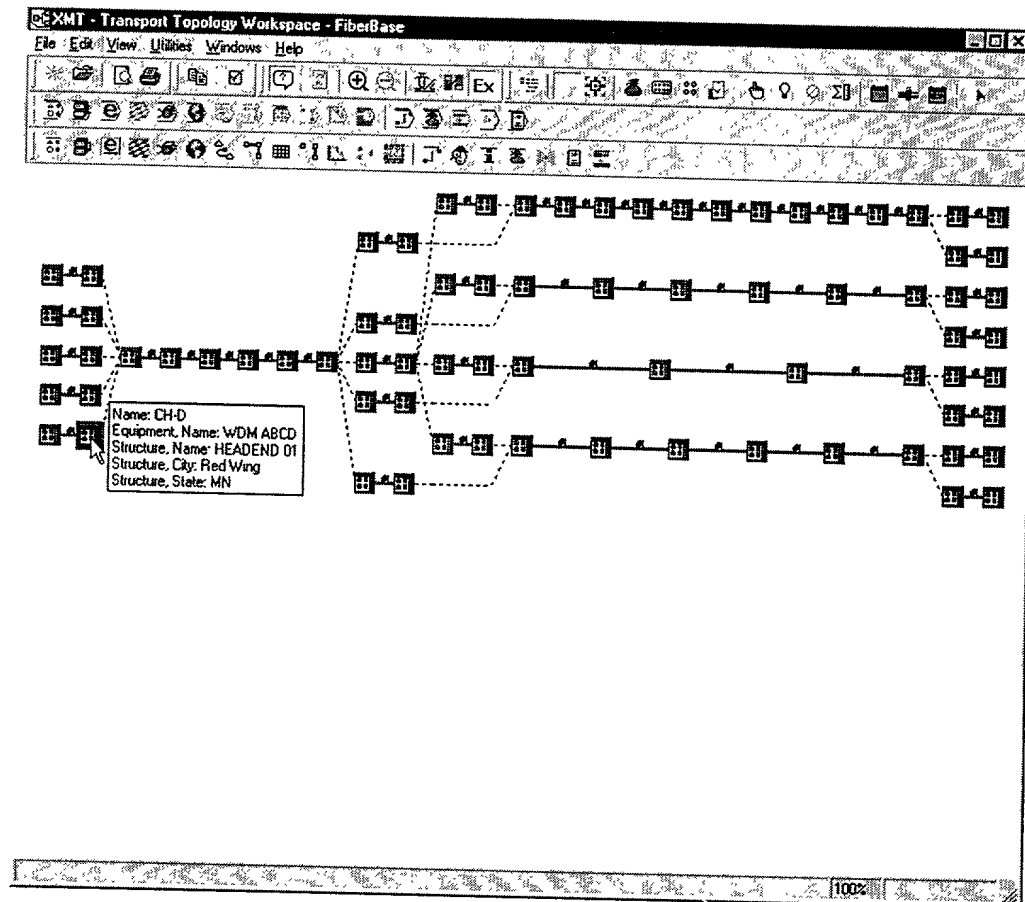


FIG. 92

1005219-120401

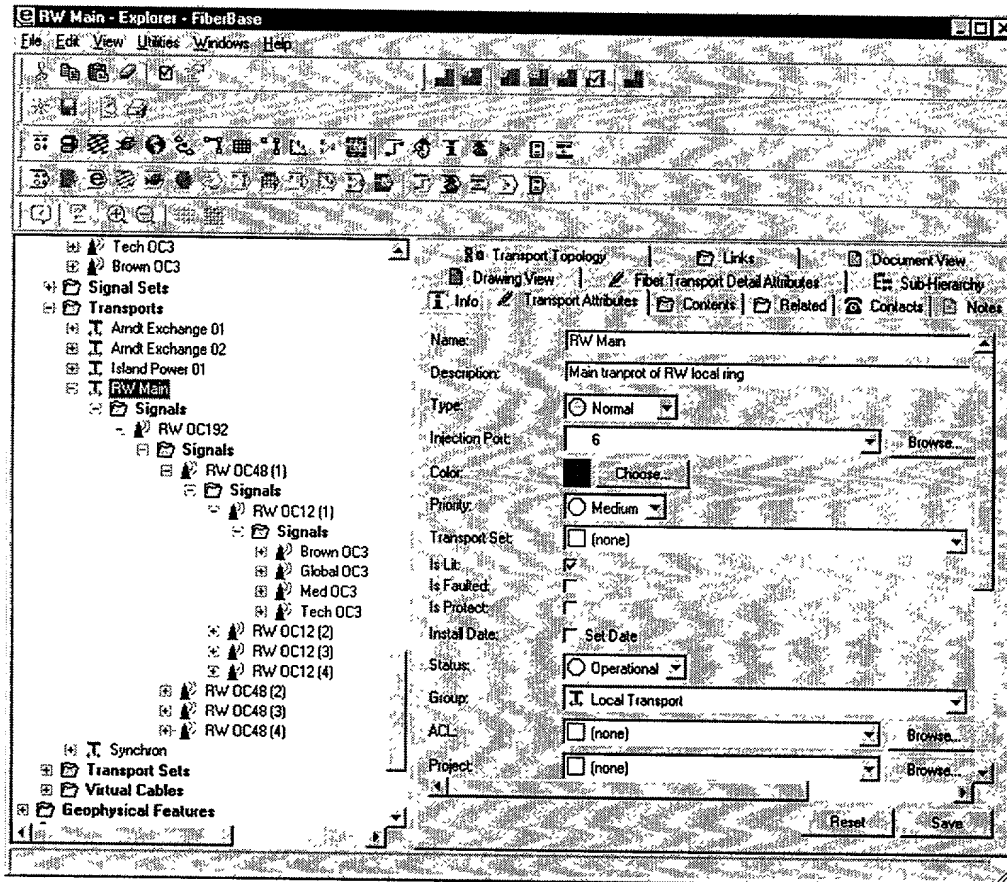


FIG 93

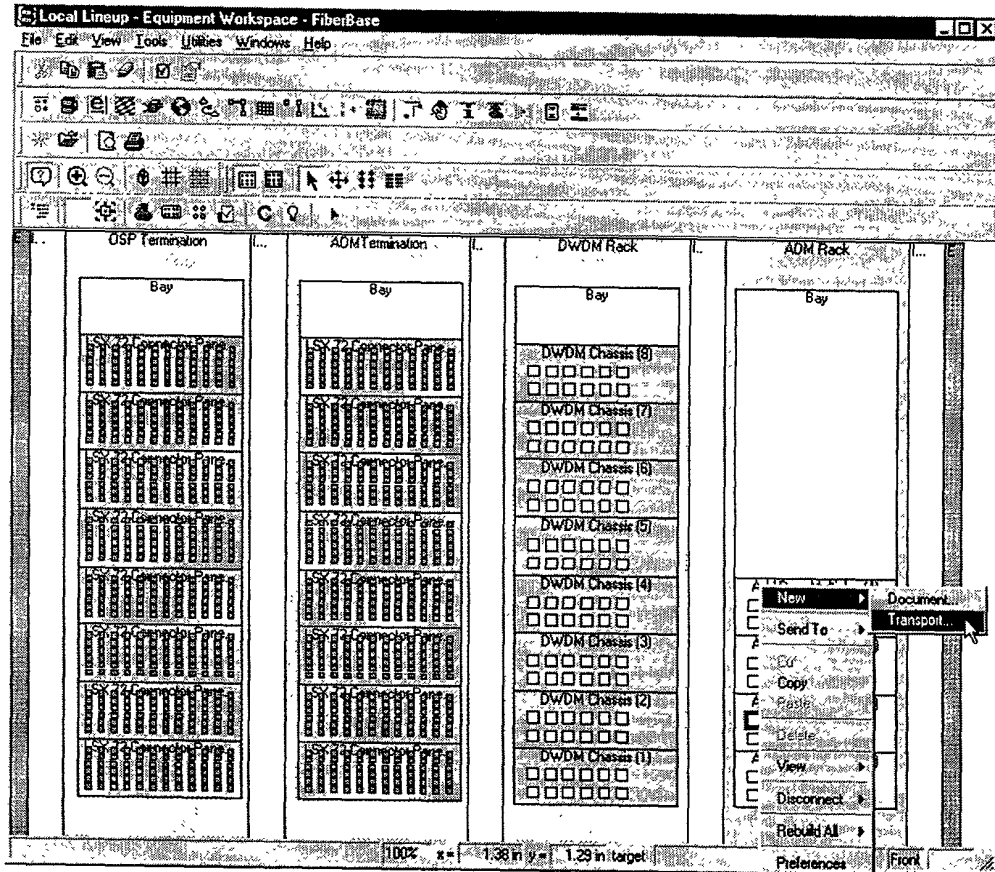
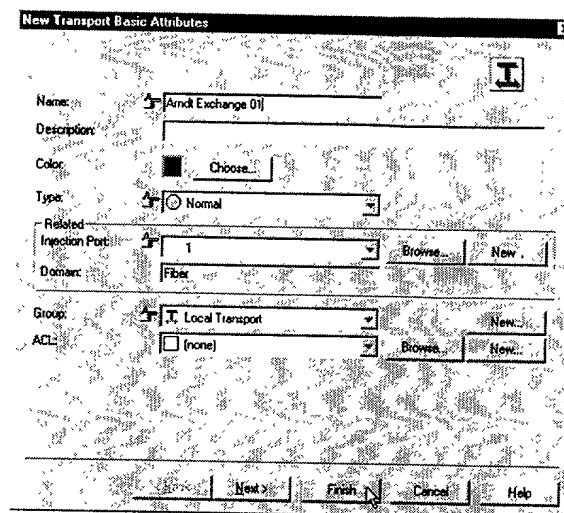


FIG. 94



New Transport Basic Attributes

Name: [Amrit Exchange 01]

Description:

Color: [Choose...]

Type: [Normal]

Related Injection Port: [1] [Browse] [New...]

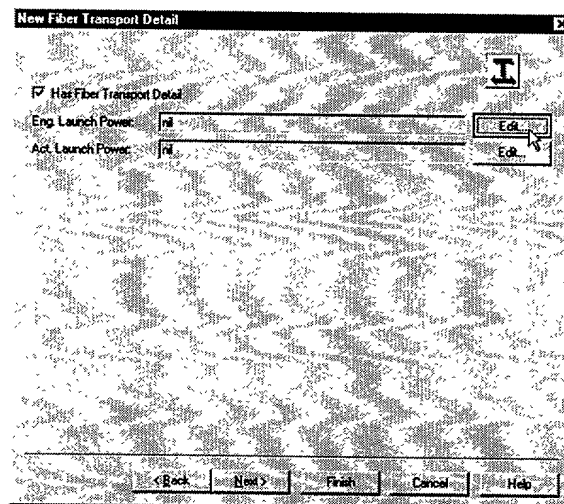
Diameter: [Fiber]

Group: [Local Transport] [New...]

ACL: [none] [Browse] [New...]

[New] [Finish] [Cancel] [Help]

FIG 95



New Fiber Transport Detail

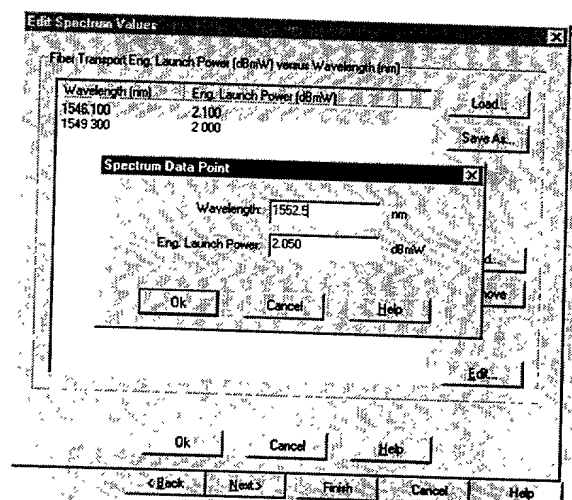
☒ Has Fiber Transport Detail

Eng. Launch Power: [na] [Edit...]

Act. Launch Power: [na] [Edit...]

[< Back] [Next >] [Finish] [Cancel] [Help]

FIG 96



Edit Spectrum Values

Fiber Transport Eng. Launch Power (dBmW) versus Wavelength (nm)

| Wavelength (nm) | Eng. Launch Power (dBmW) |
|-----------------|--------------------------|
| 1546.100 | 2.100 |
| 1549.300 | 2.000 |

[Load...] [Save As...]

Spectrum Data Point

Wavelength: [1552.9] nm

Eng. Launch Power: [2.050] dBmW

[Ok] [Cancel] [Help]

[Edit...]

[Ok] [Cancel] [Help]

[< Back] [Next >] [Finish] [Cancel] [Help]

FIG 97

FIG 95

New Transport Inventory Attributes

Ownership:

Assigned To: ☒ Arndt Exchange Browse... New...

Leased To: ☐ (none) Browse... New...

Owned By: ☐ (none) Browse... New...

Physical:

☒ Is Lit

☐ Is Faulted Set Install Date: 9/27/2001

☐ Is Protect

Transport Set: ☐ (none) Browse... New...

< Back Finish Cancel Help

FIG 98

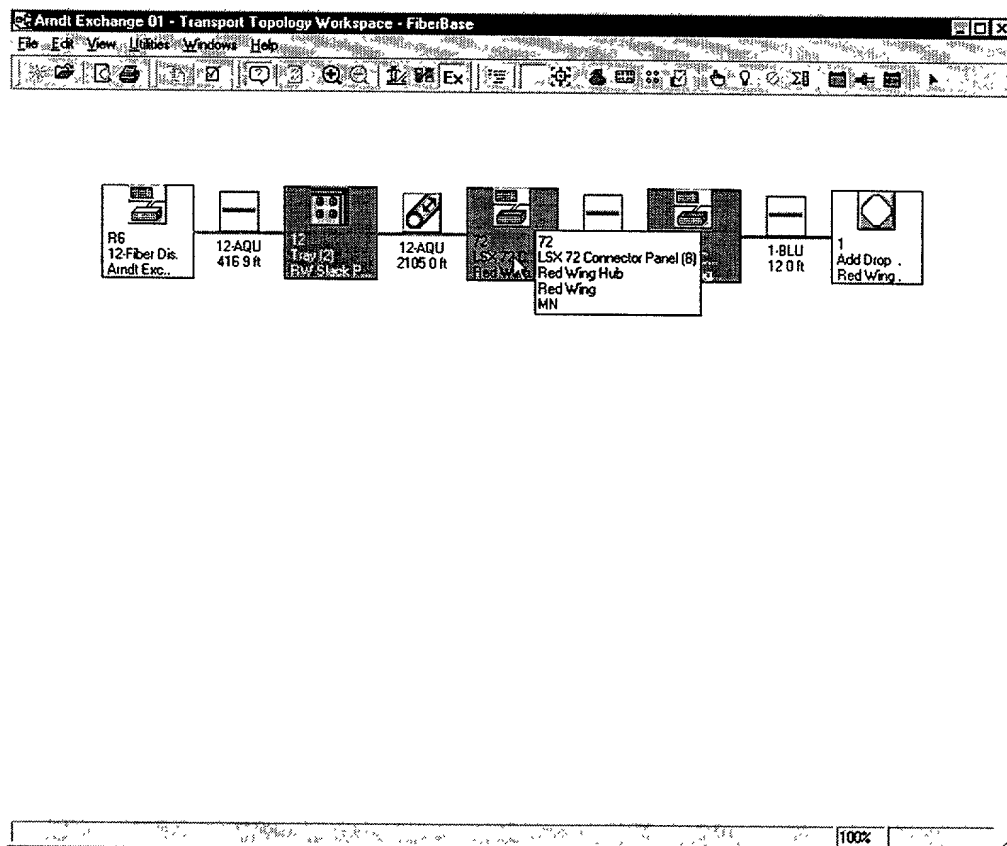


FIG 99

1005219-40401

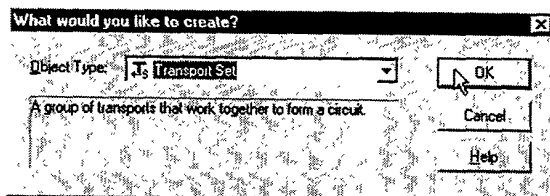


FIG 100

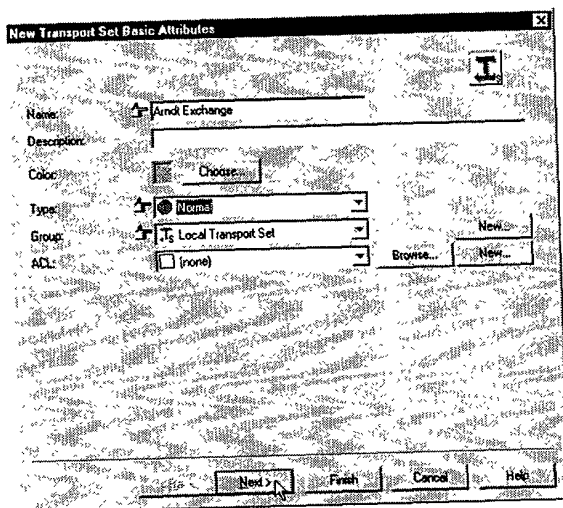


FIG 101

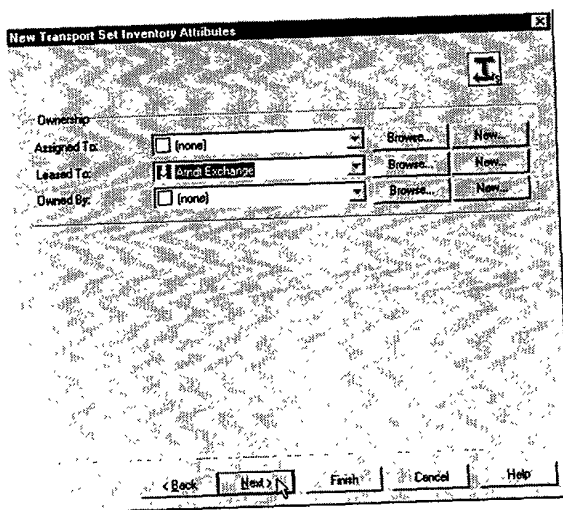


FIG 102

FIG 100

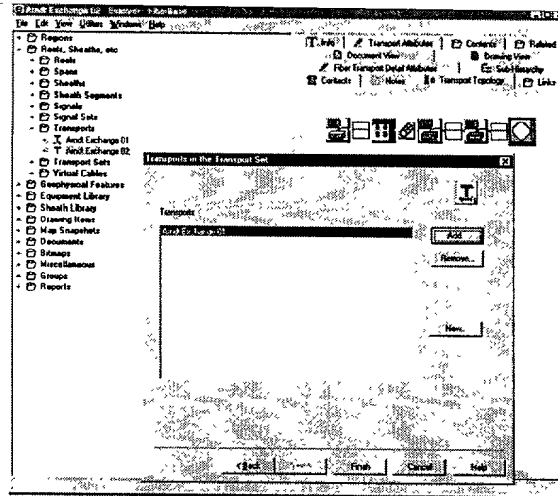


FIG 103

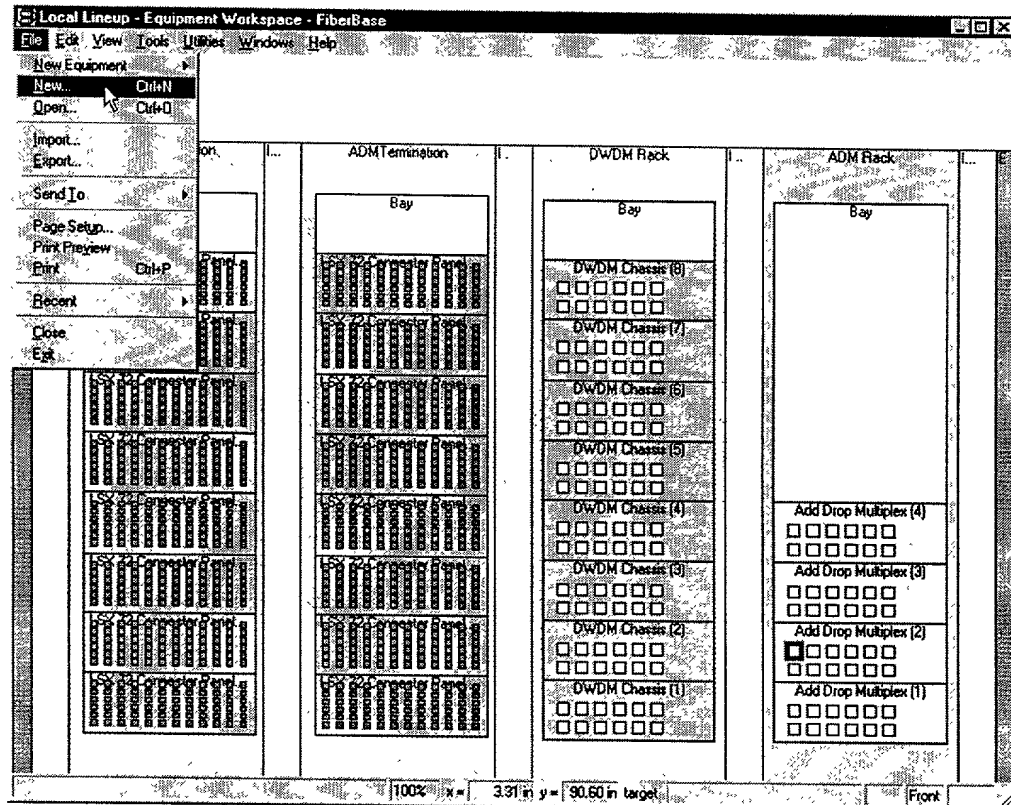


FIG 104

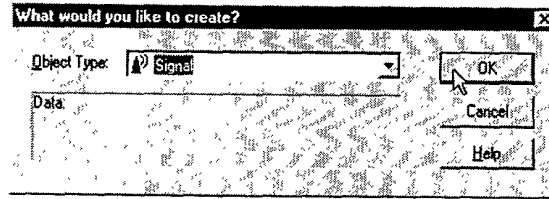


FIG 105

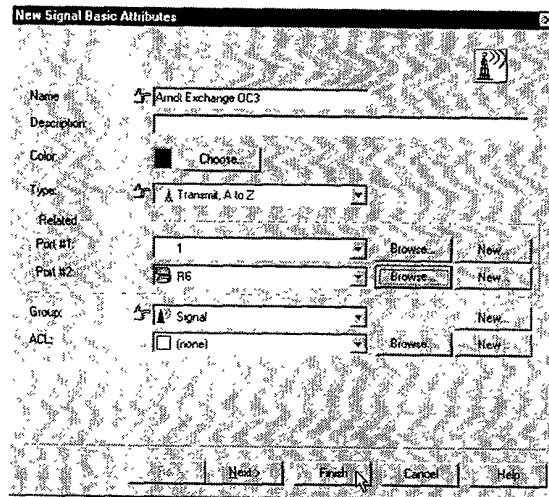


FIG. 106

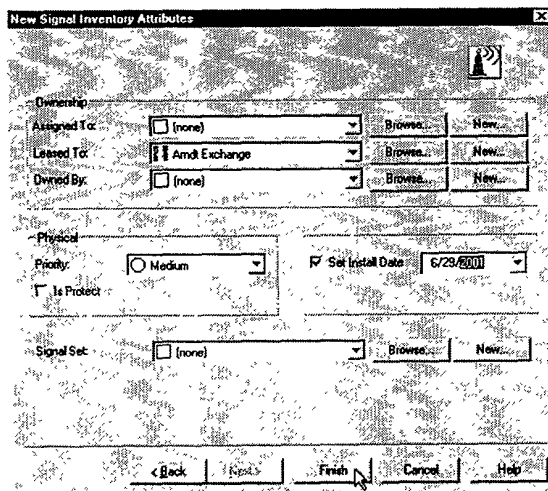


FIG. 107

FIG. 105

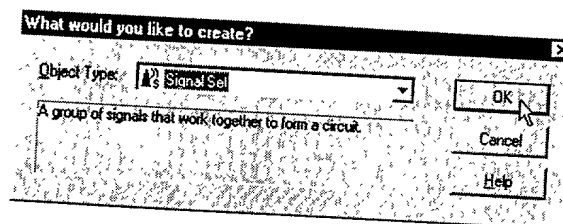


FIG 108

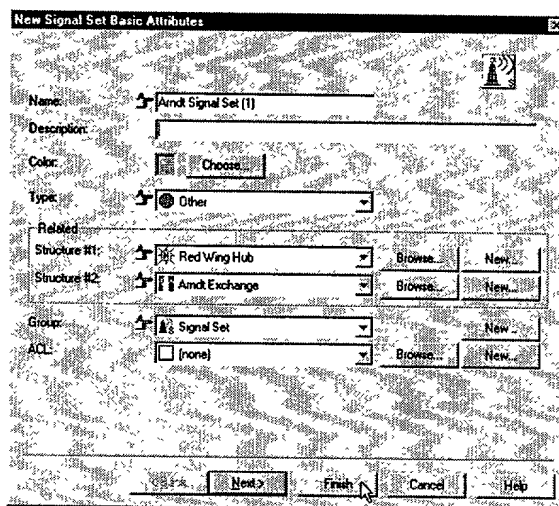


FIG 109

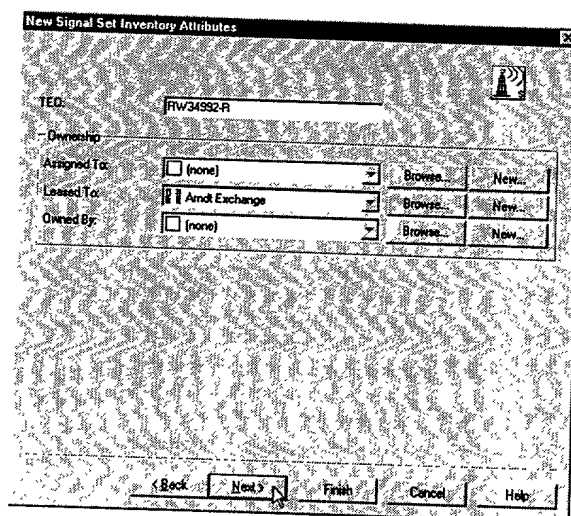


FIG 110

10005219-120401

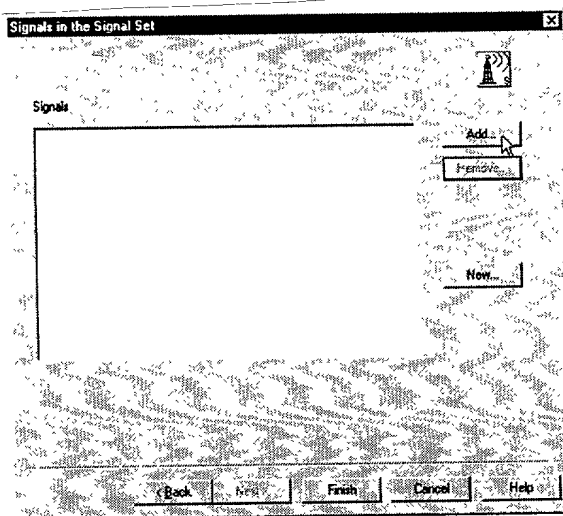


FIG. 111

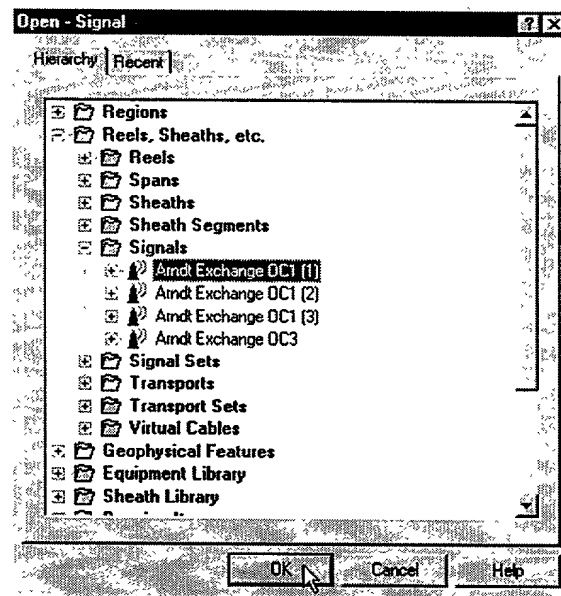


FIG. 112

2025-10-10 10:42:01

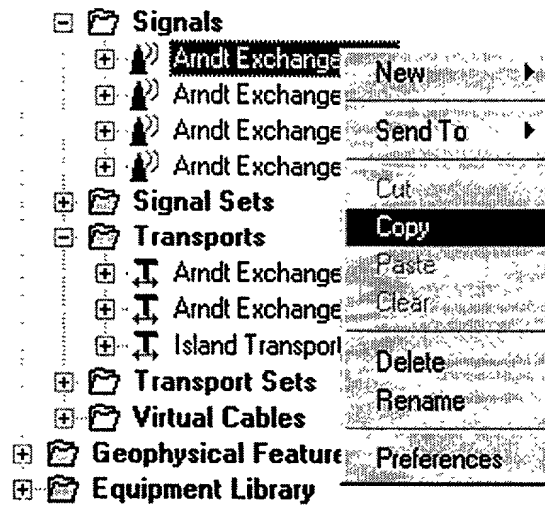


FIG 113

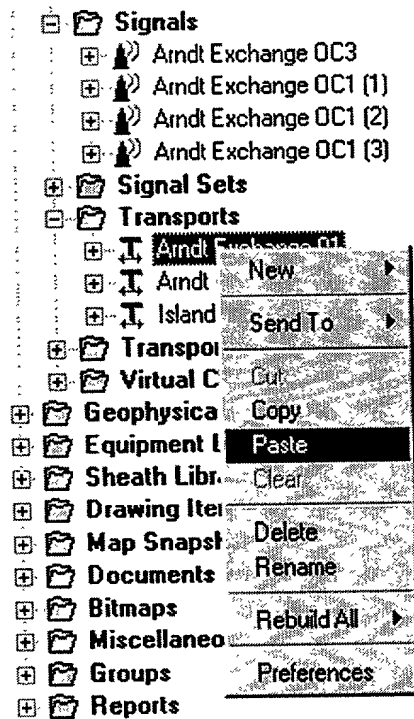


FIG 114

2025-10-19 10:05:19

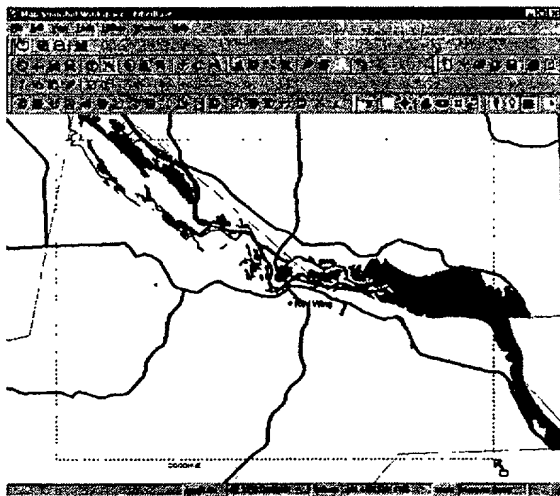


FIG 115

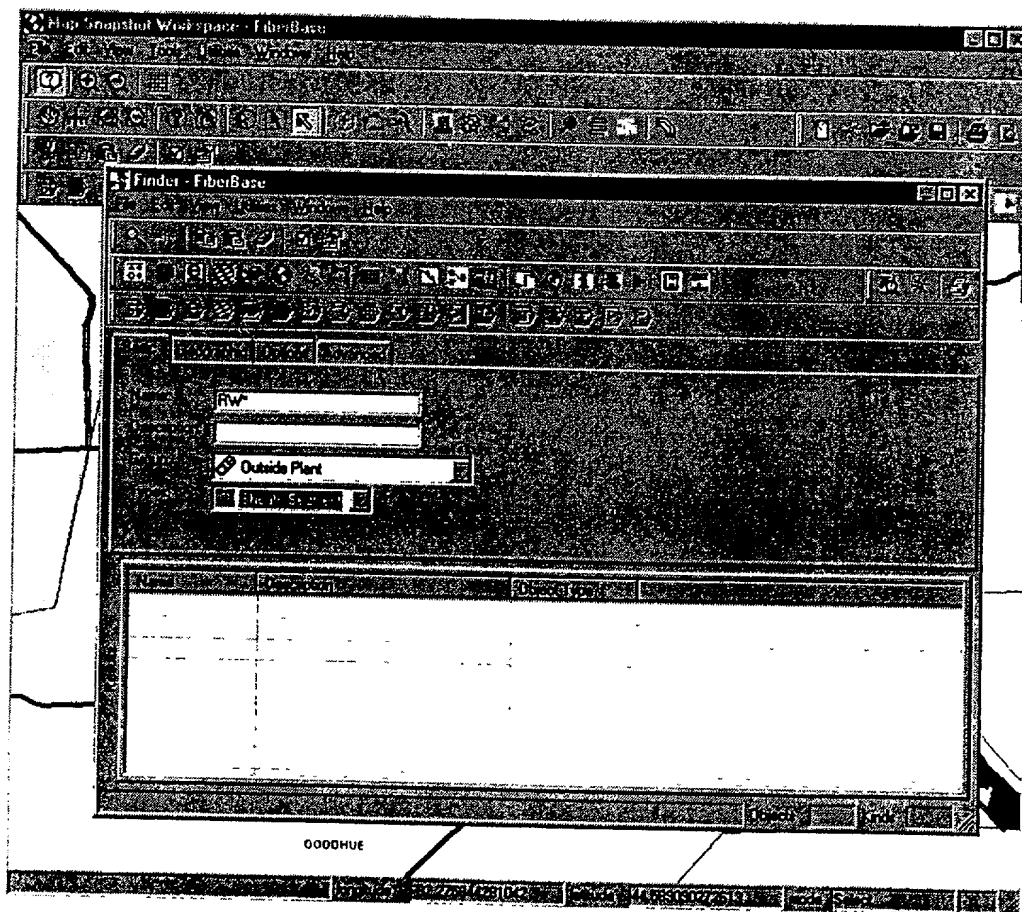


FIG 116

10005219-120401

A screenshot of a software window with tabs labeled 'Basic', 'Geographic', 'Docks', and 'Advanced'. The 'Basic' tab is active. It contains a list of four values: 32, 45, 91, and 44, each in its own input field. There is a 'Find' button on the right side of the window.

FIG. 117

A screenshot of a software window with tabs labeled 'Basic', 'Geographic', 'Docks', and 'Advanced'. The 'Basic' tab is active. It contains a single input field with the value 100. There are 'OK' and 'Cancel' buttons at the bottom right of the window.

FIG 118

A screenshot of a software window with tabs labeled 'Basic', 'Geographic', 'Docks', and 'Advanced'. The 'Basic' tab is active. It displays a table with columns for 'Object Type', 'Status', and 'Name'. The table contains the following data:

| Object Type | Status | Name |
|---|--------|----------------------|
| <input checked="" type="checkbox"/> Red W... | Yes | (name = Red Wi... |
| <input type="checkbox"/> Route | No | |
| <input type="checkbox"/> Route Seg... | No | |
| <input type="checkbox"/> Sheath | No | |
| <input type="checkbox"/> Sheath Se... | No | |
| <input type="checkbox"/> Span | No | |
| <input checked="" type="checkbox"/> Structure | Yes | (install_date >= ... |

FIG 119

10005219-120401

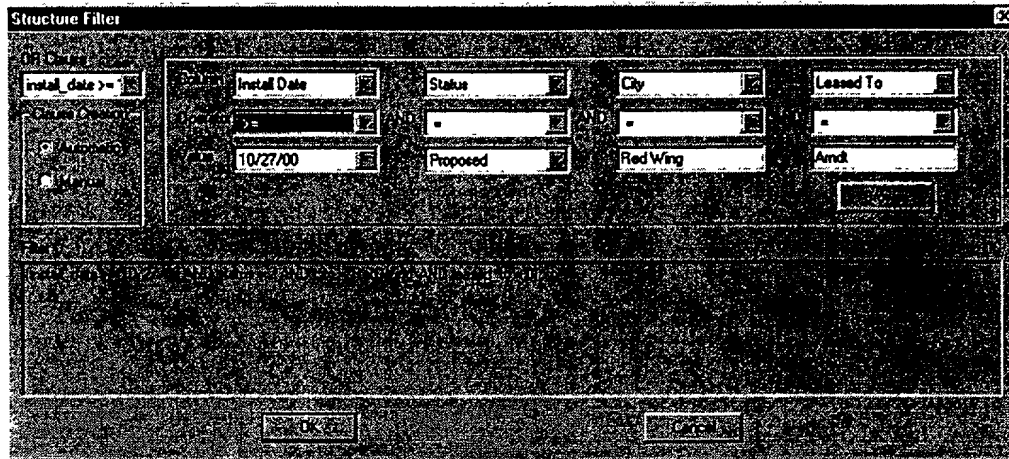


FIG. 120

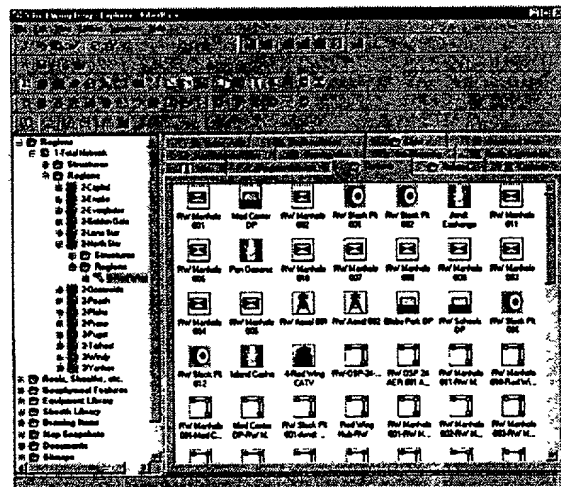


FIG. 121

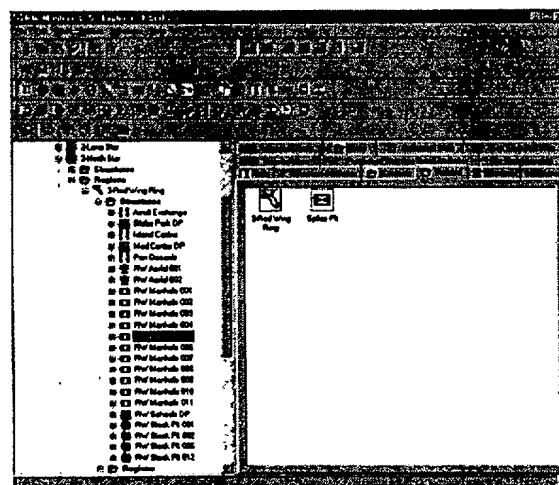


FIG. 122

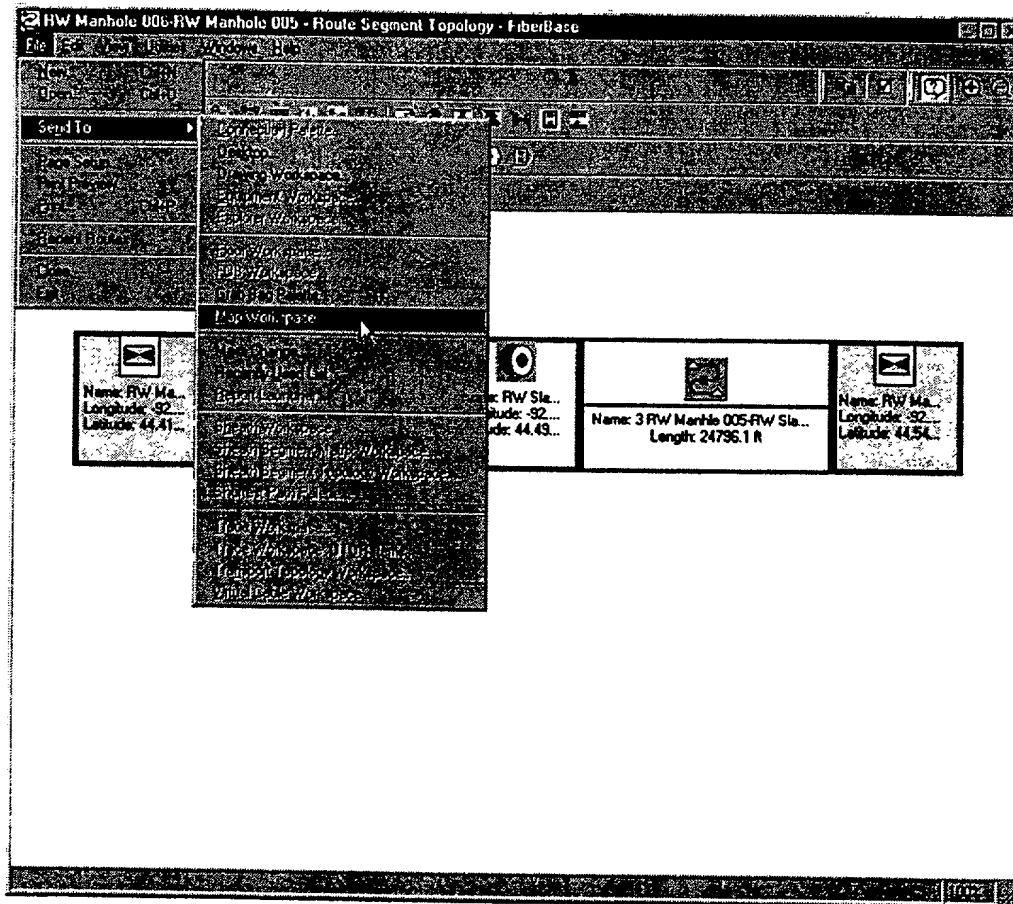


FIG. 123

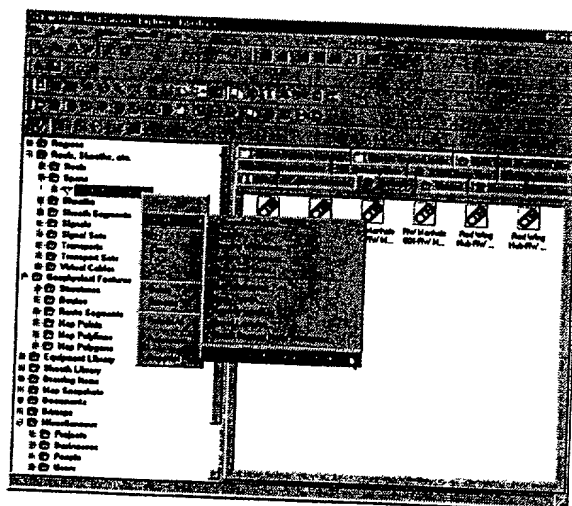


FIG. 124

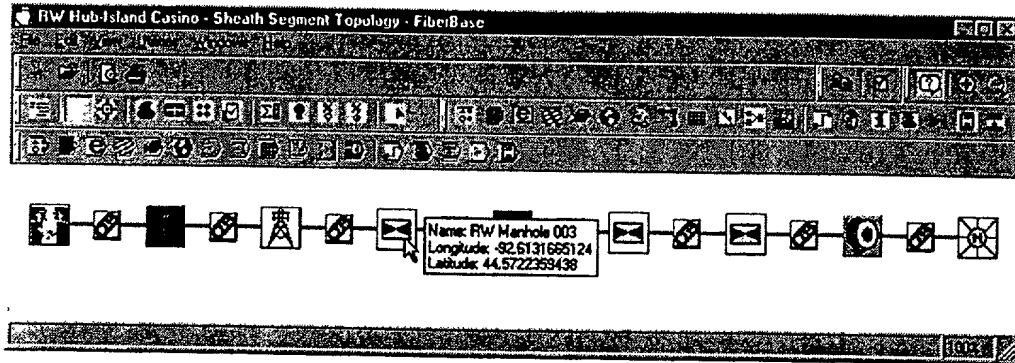


FIG 125

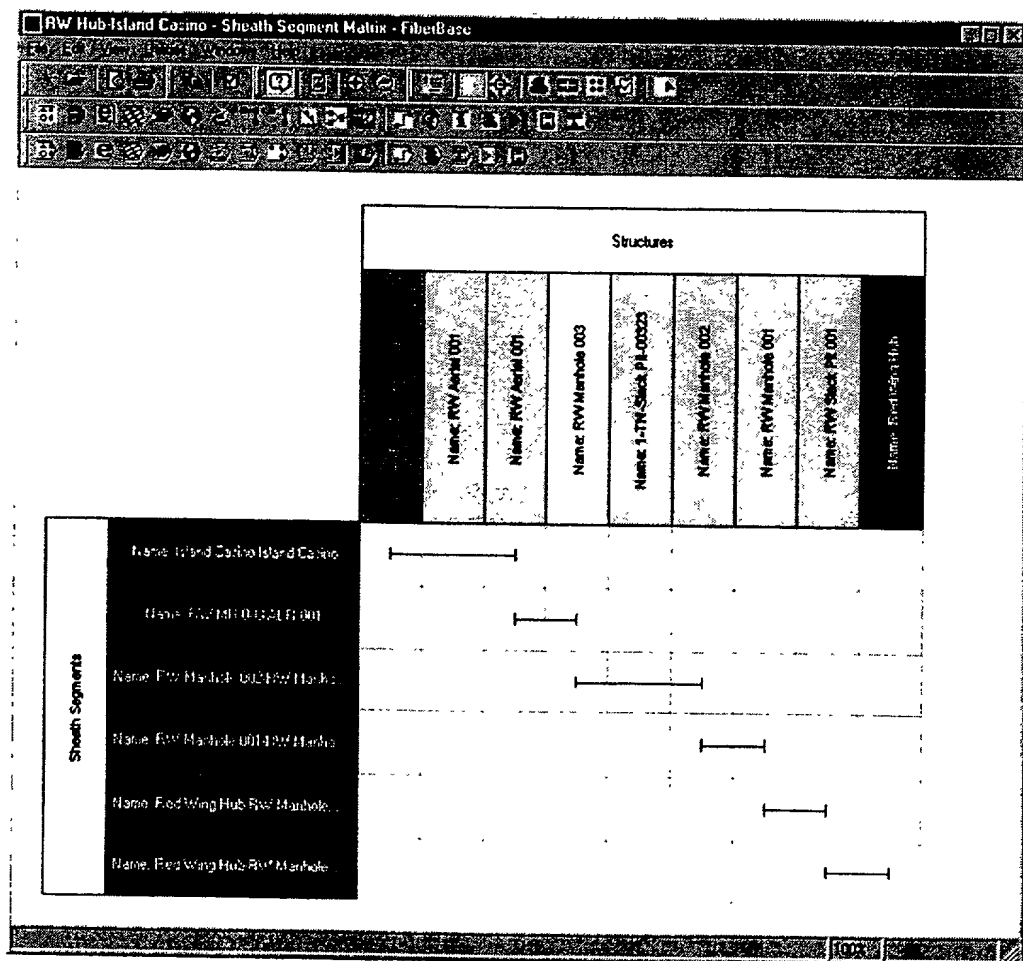


FIG 126

FIG 125

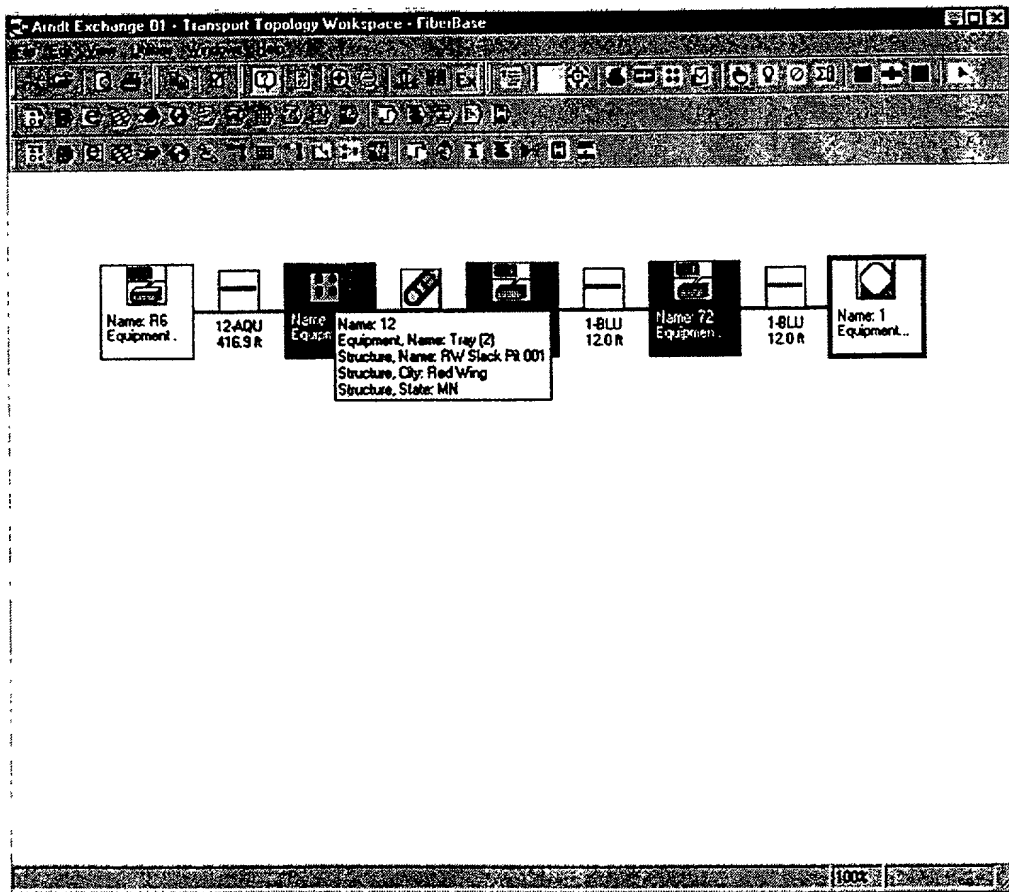


FIG 127

FIG 127

50

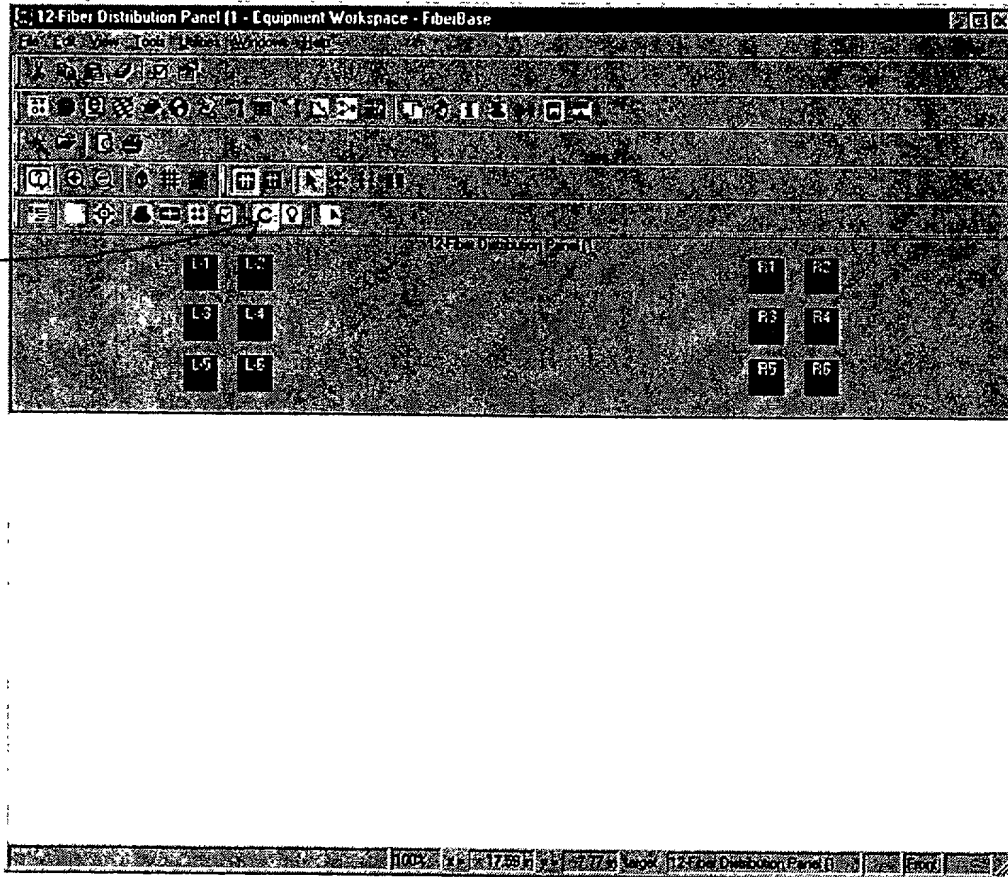


FIG 12E

1005219-120401
T0402T-6T25000T

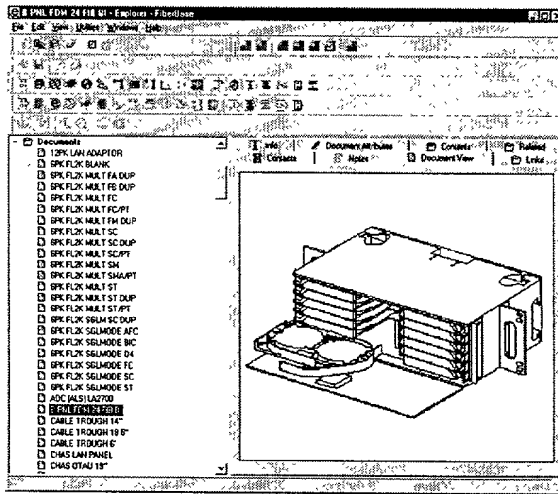


FIG 129

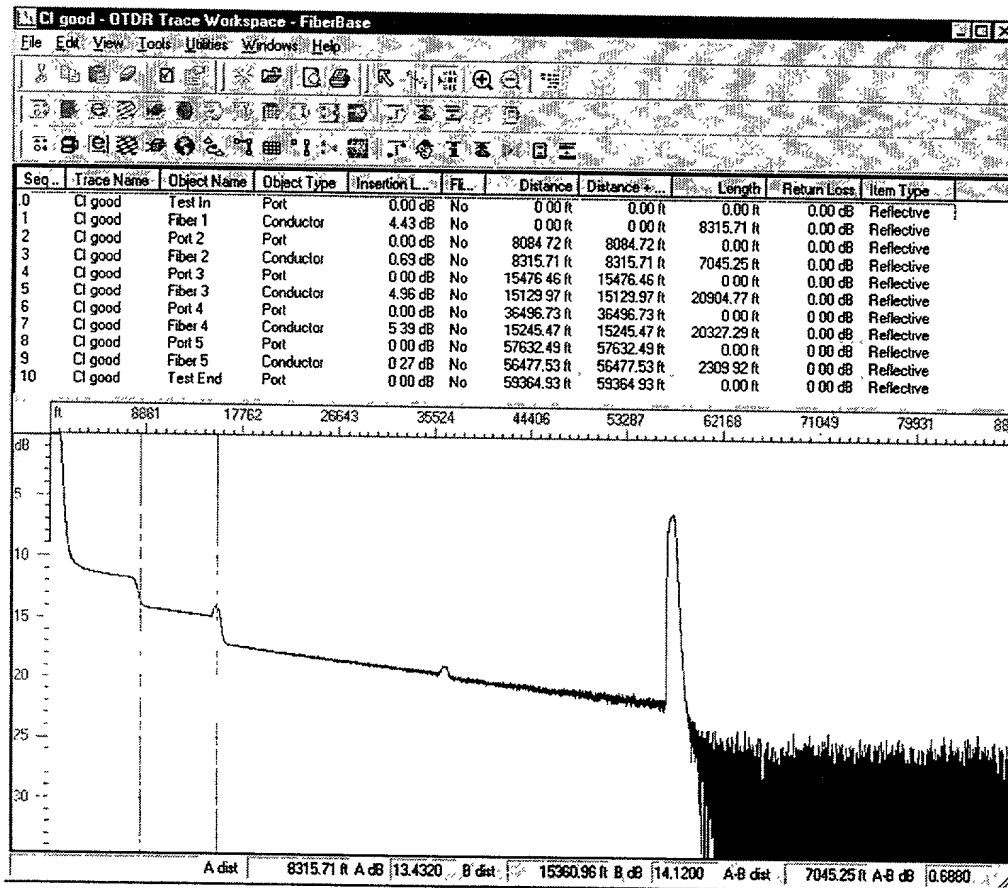


FIG 130

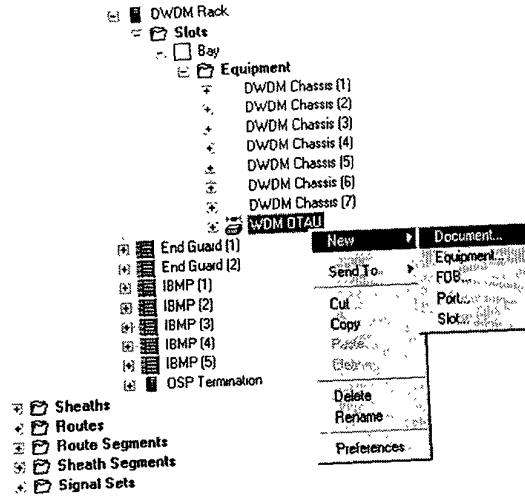


FIG. 131

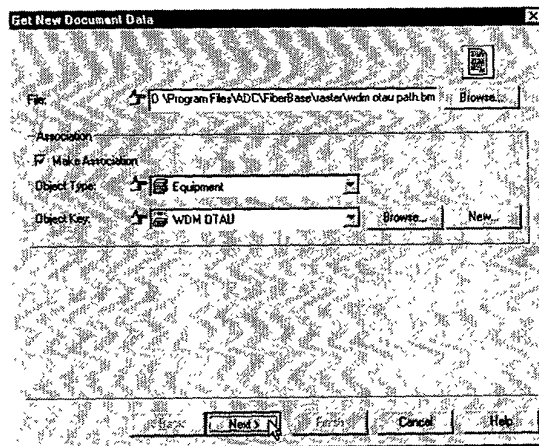


FIG. 132

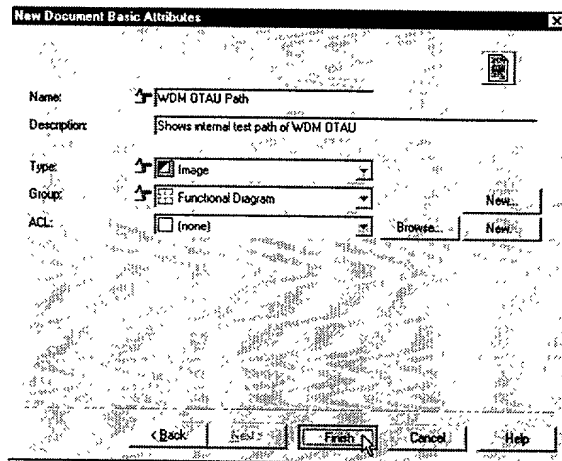


FIG 133

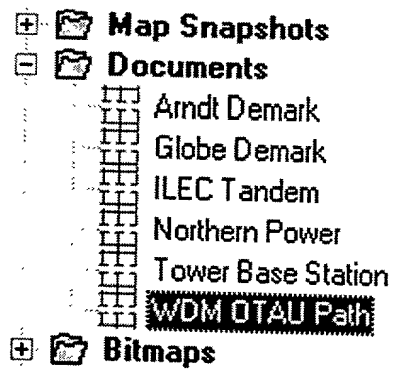


FIG. 134

1000549-120401

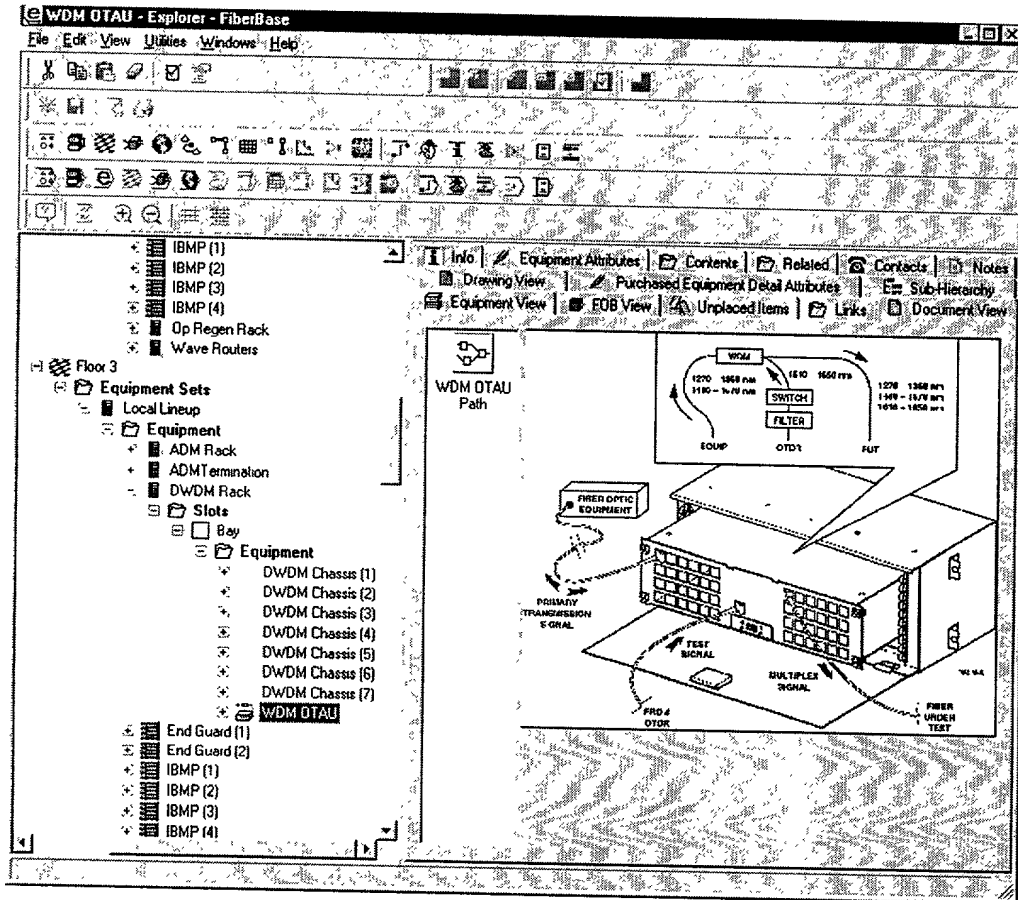
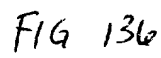


FIG. 135



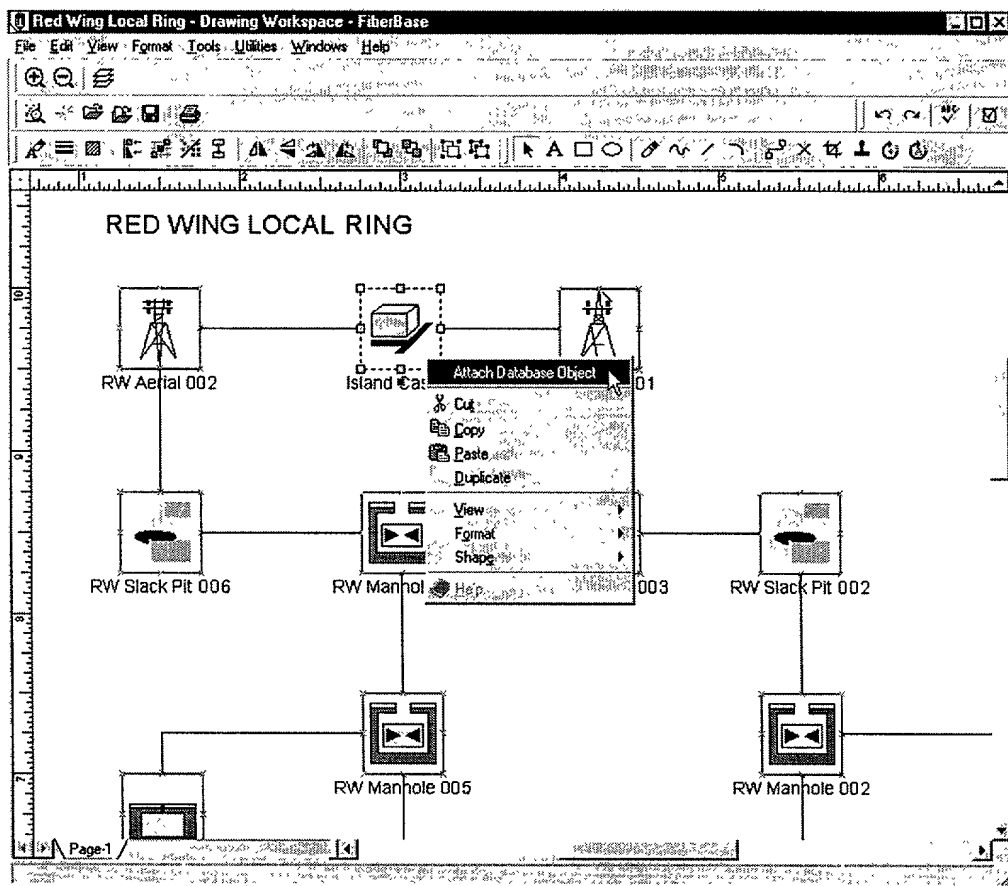


FIG 137

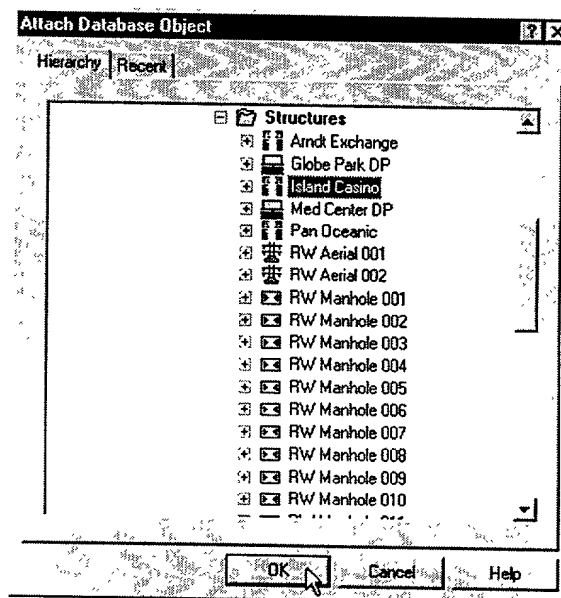


FIG 138

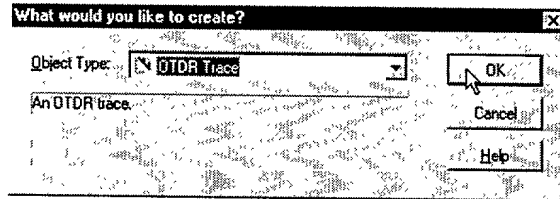


FIG. 139

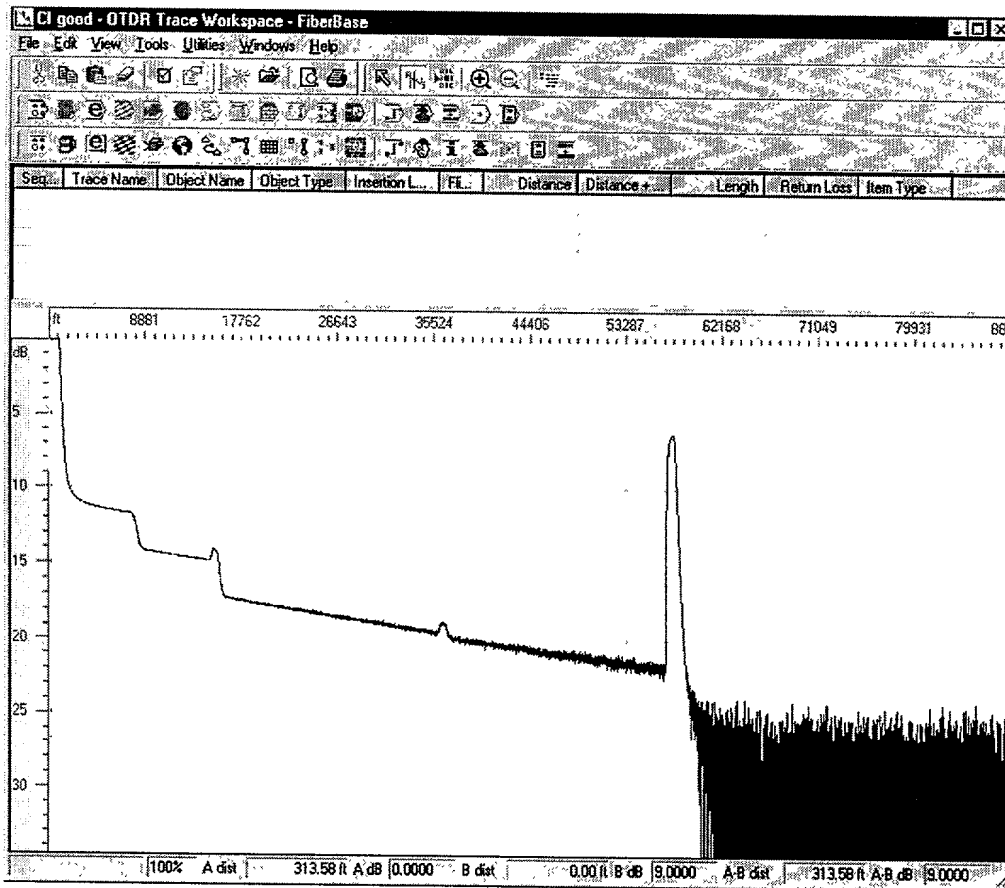


FIG. 140

50 52 141

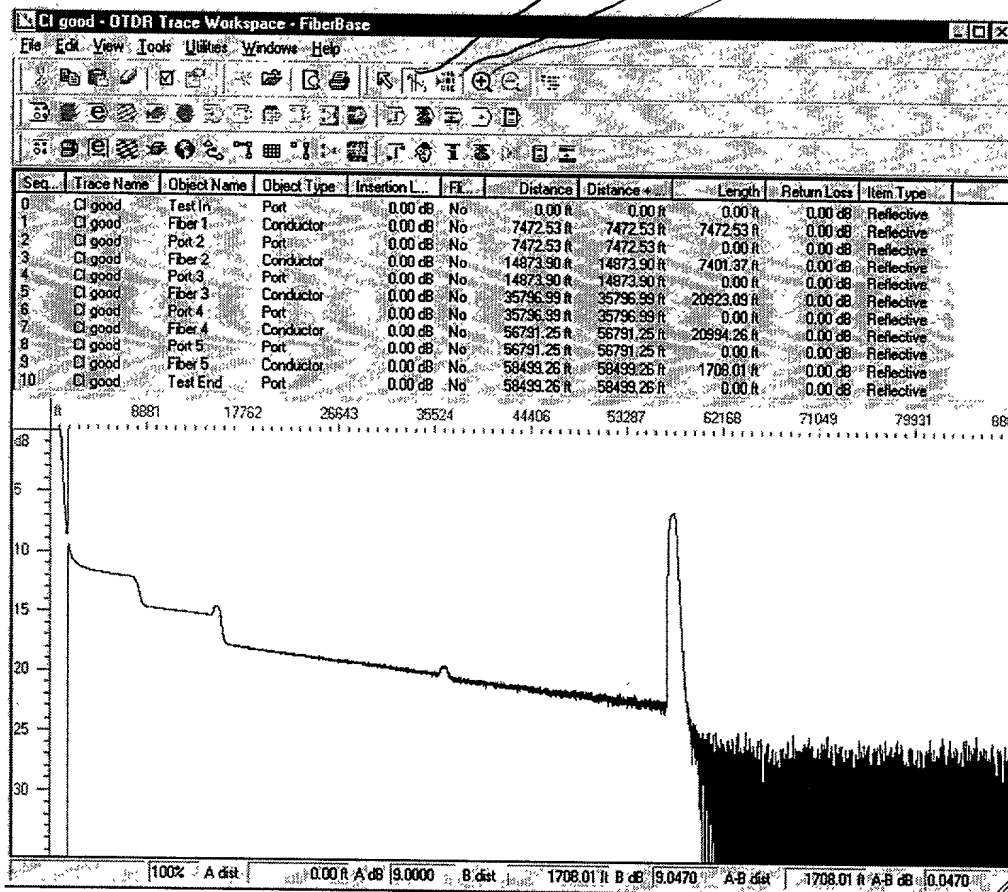


Fig. 141

FIG. 141

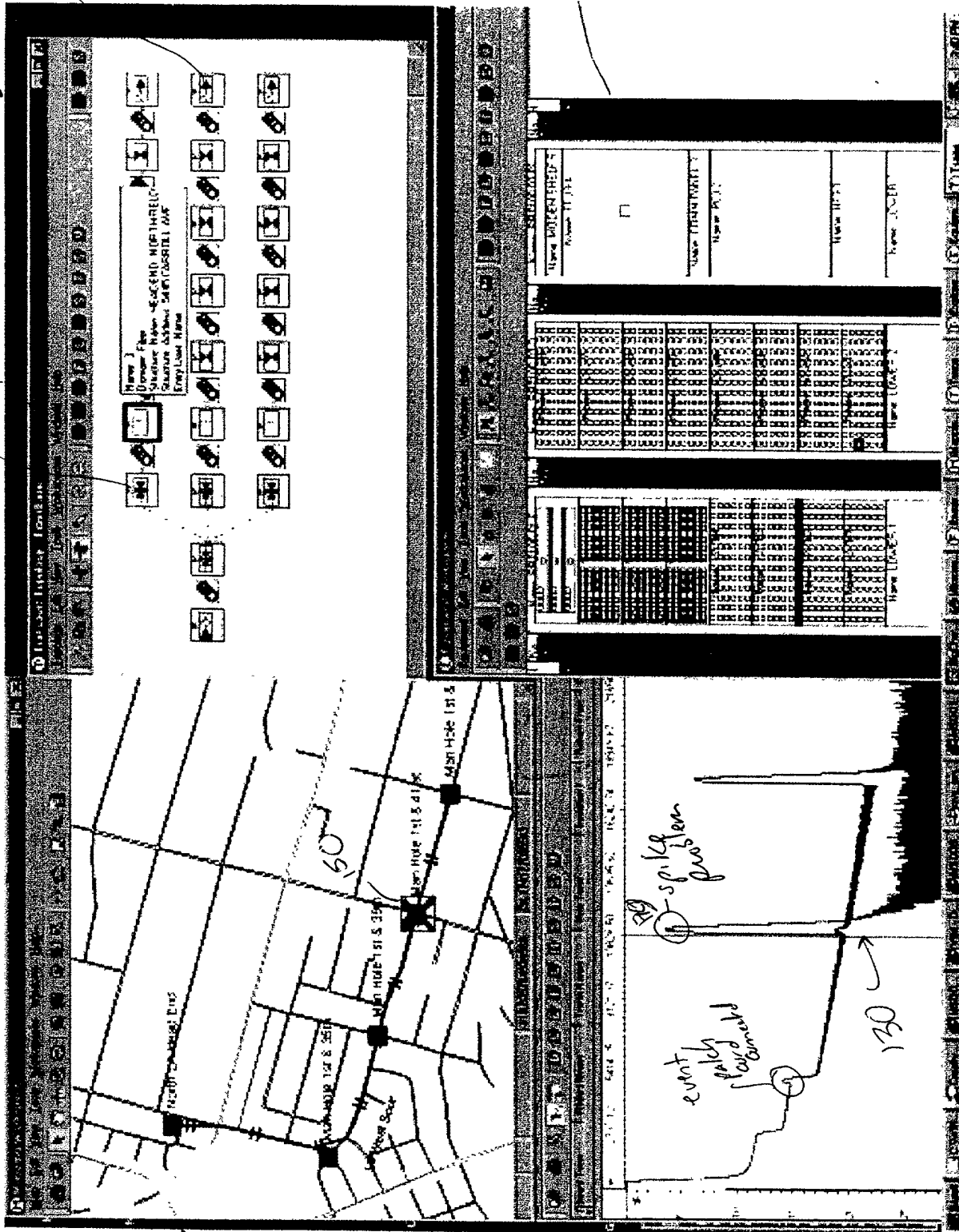


FIG. 142

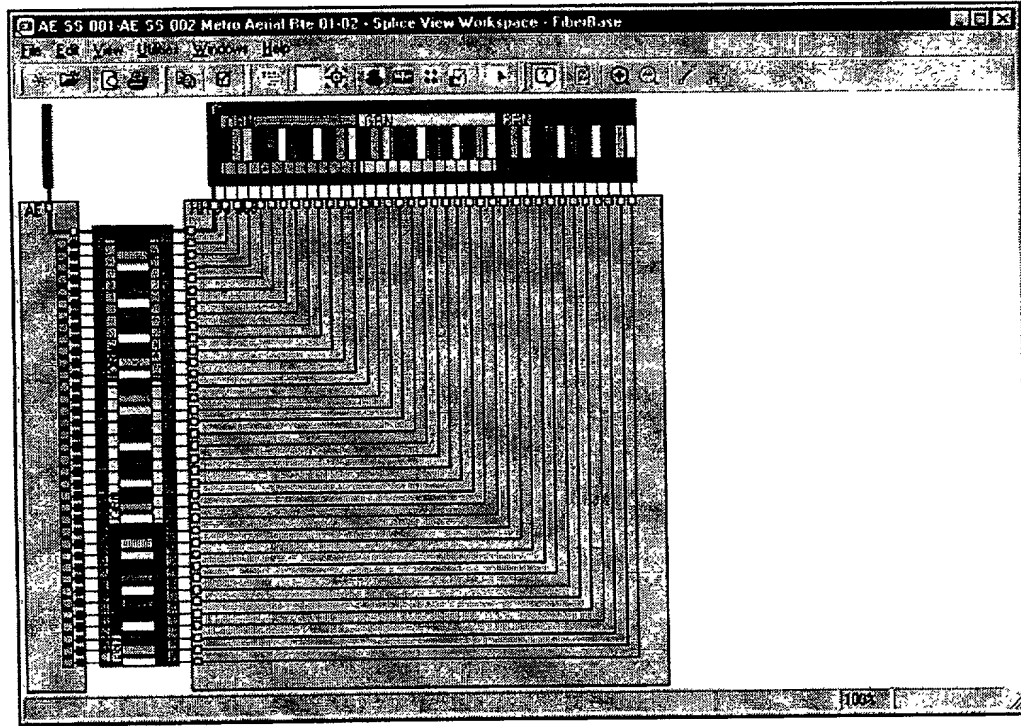


FIG. 143

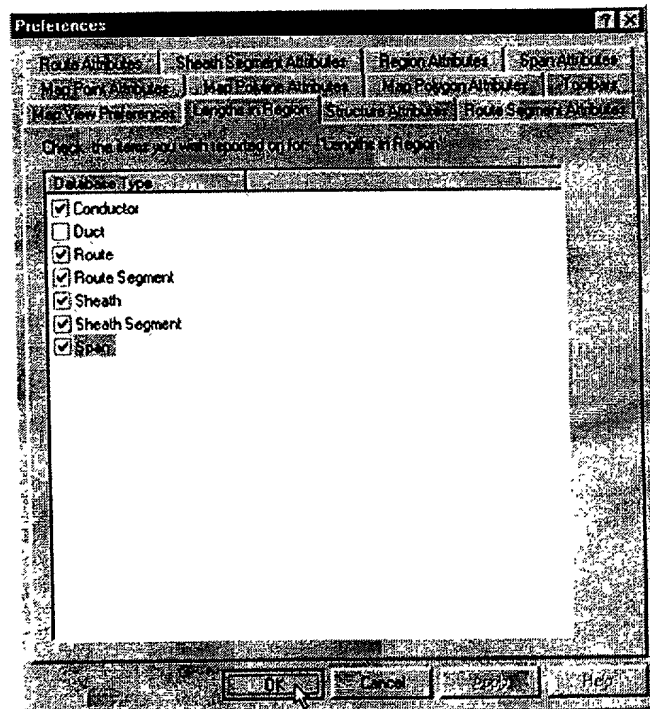


FIG. 144

100519-120401

Lengths in Region: Douglas

| DB Type | Number | All in Region | Partial in Reg |
|----------------|--------|---------------|----------------|
| Route Segment | 7 | 5 | 2 |
| Duct | 28 | 20 | 8 |
| Sheath Segment | 7 | 5 | 2 |
| Sheath | 7 | 5 | 2 |
| Conductor | 1008 | 720 | 288 |

OK Cancel Help

F16.145

FOOT = 625000

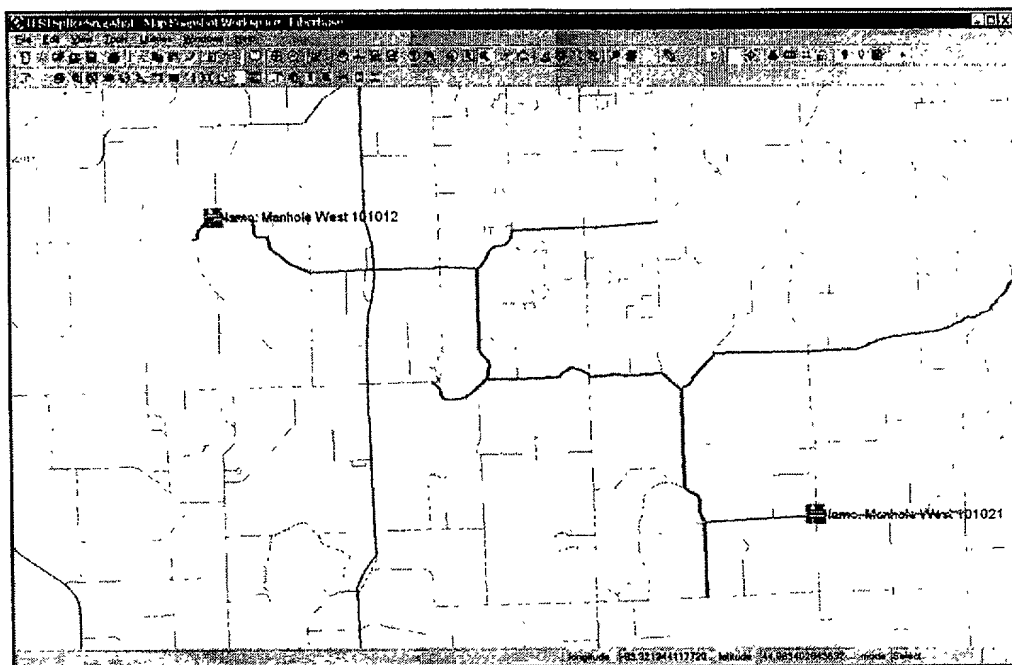


FIG. 146

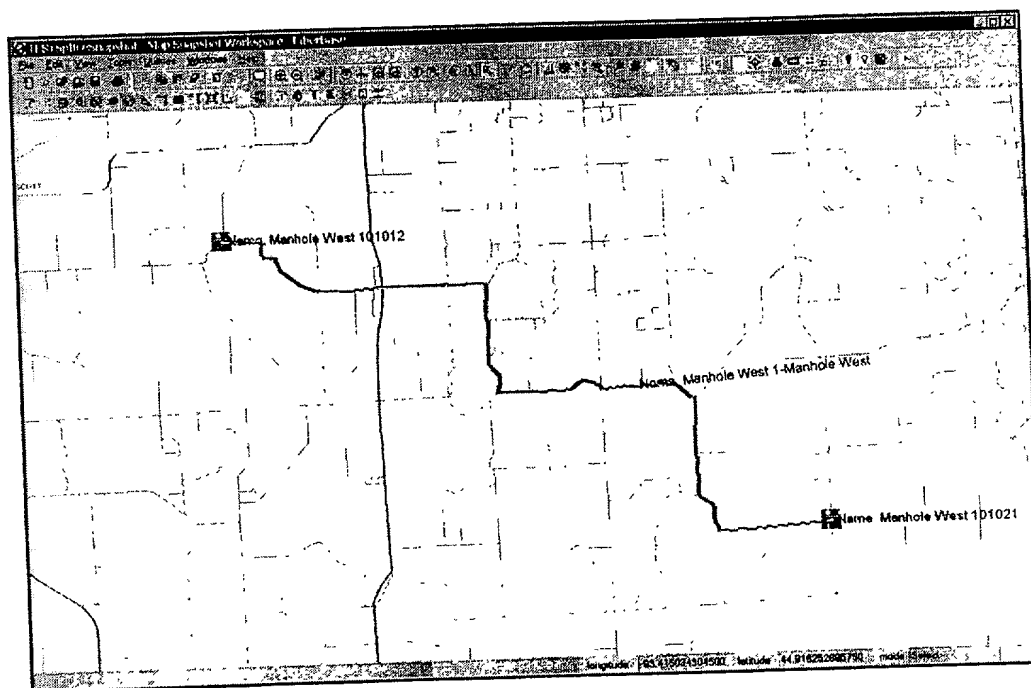
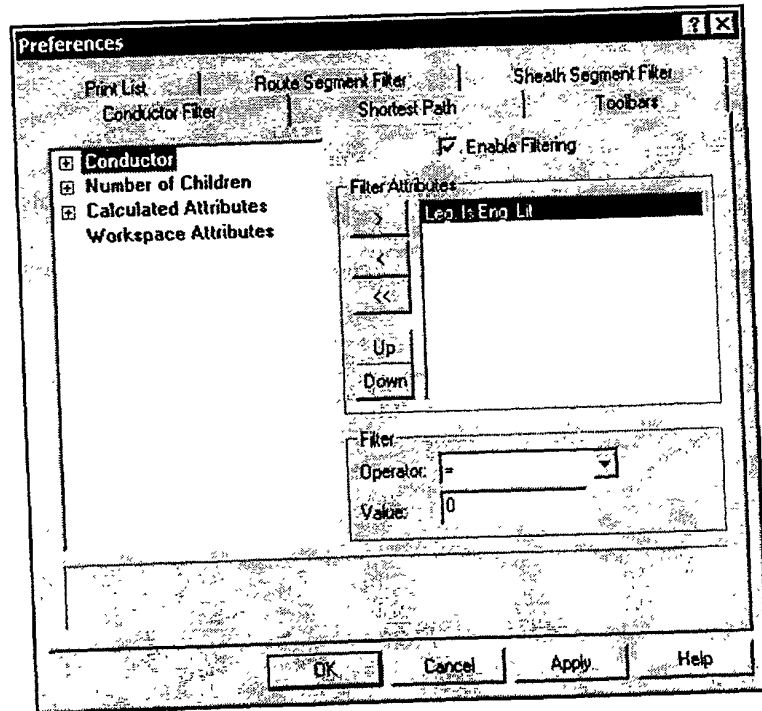
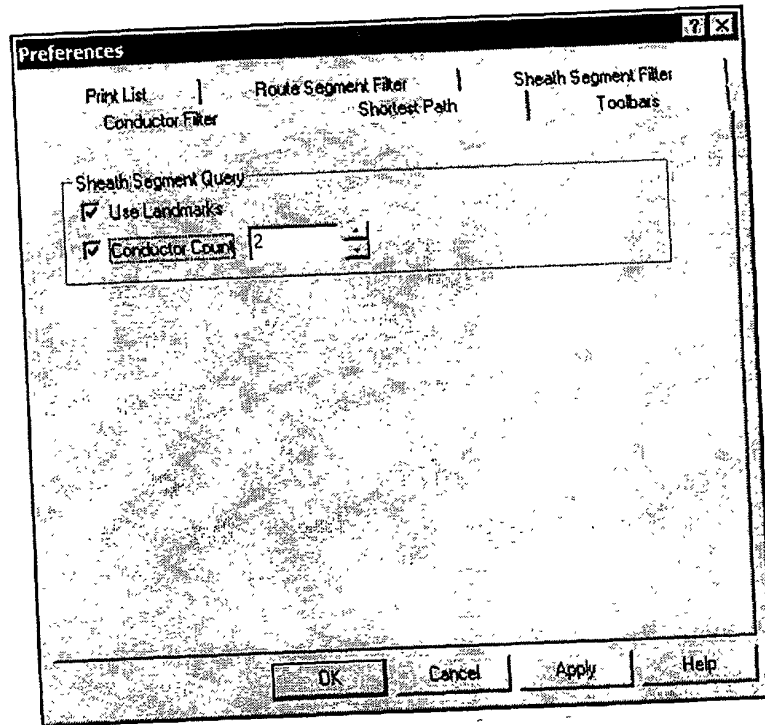


FIG. 147

1005219-120401



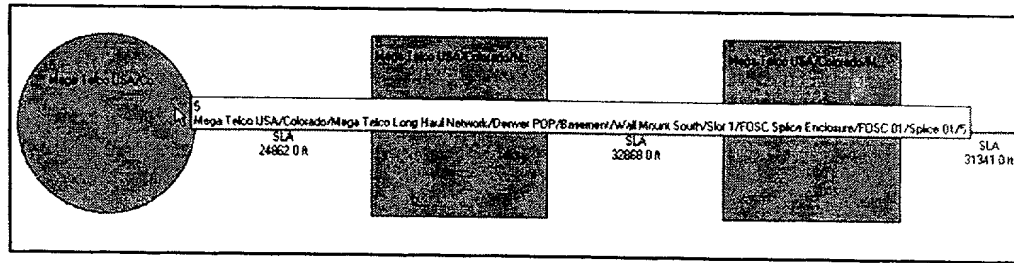


FIG. 150

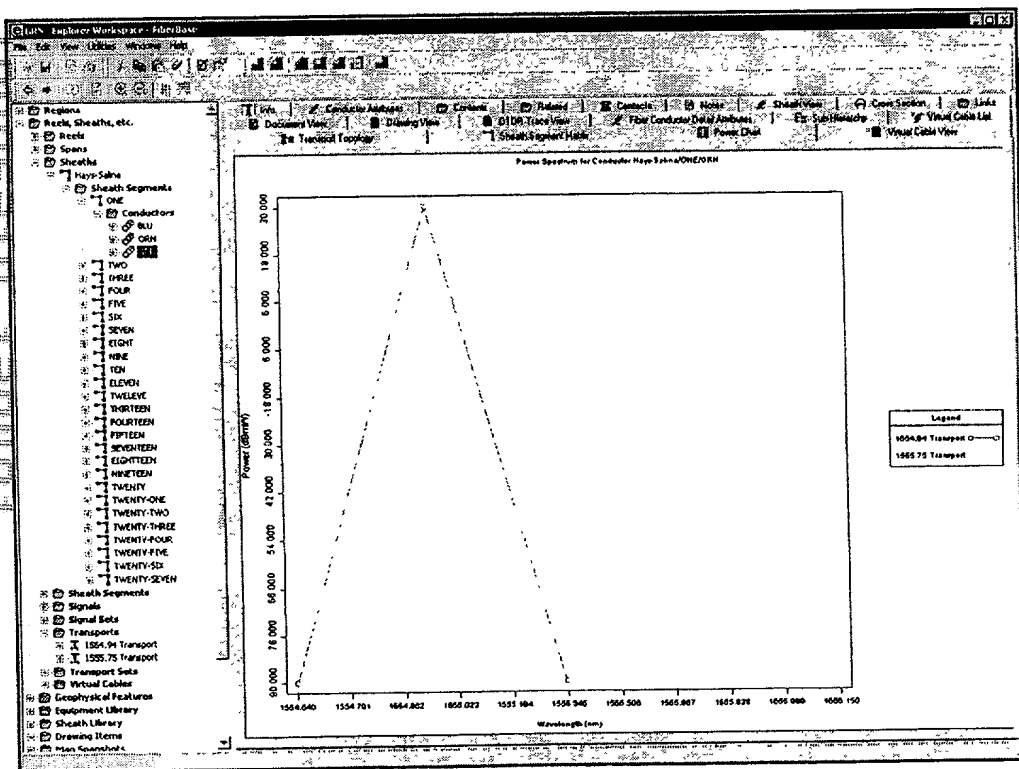


FIG 151

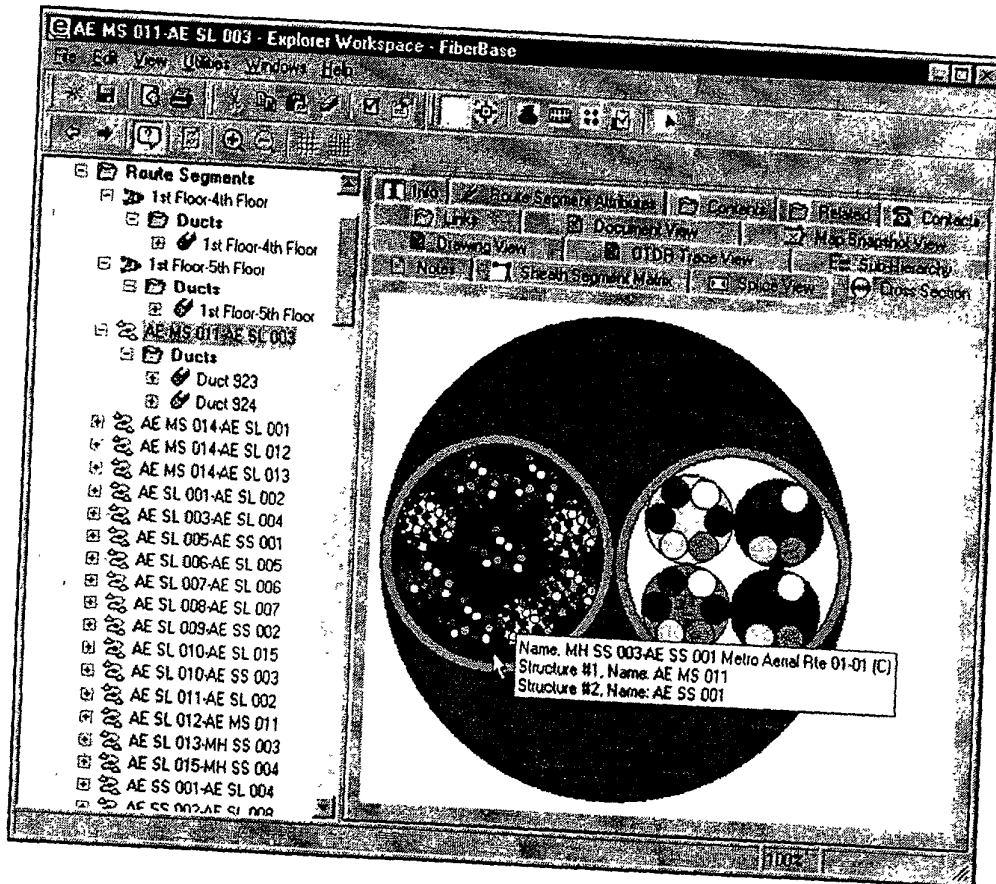


FIG. 152